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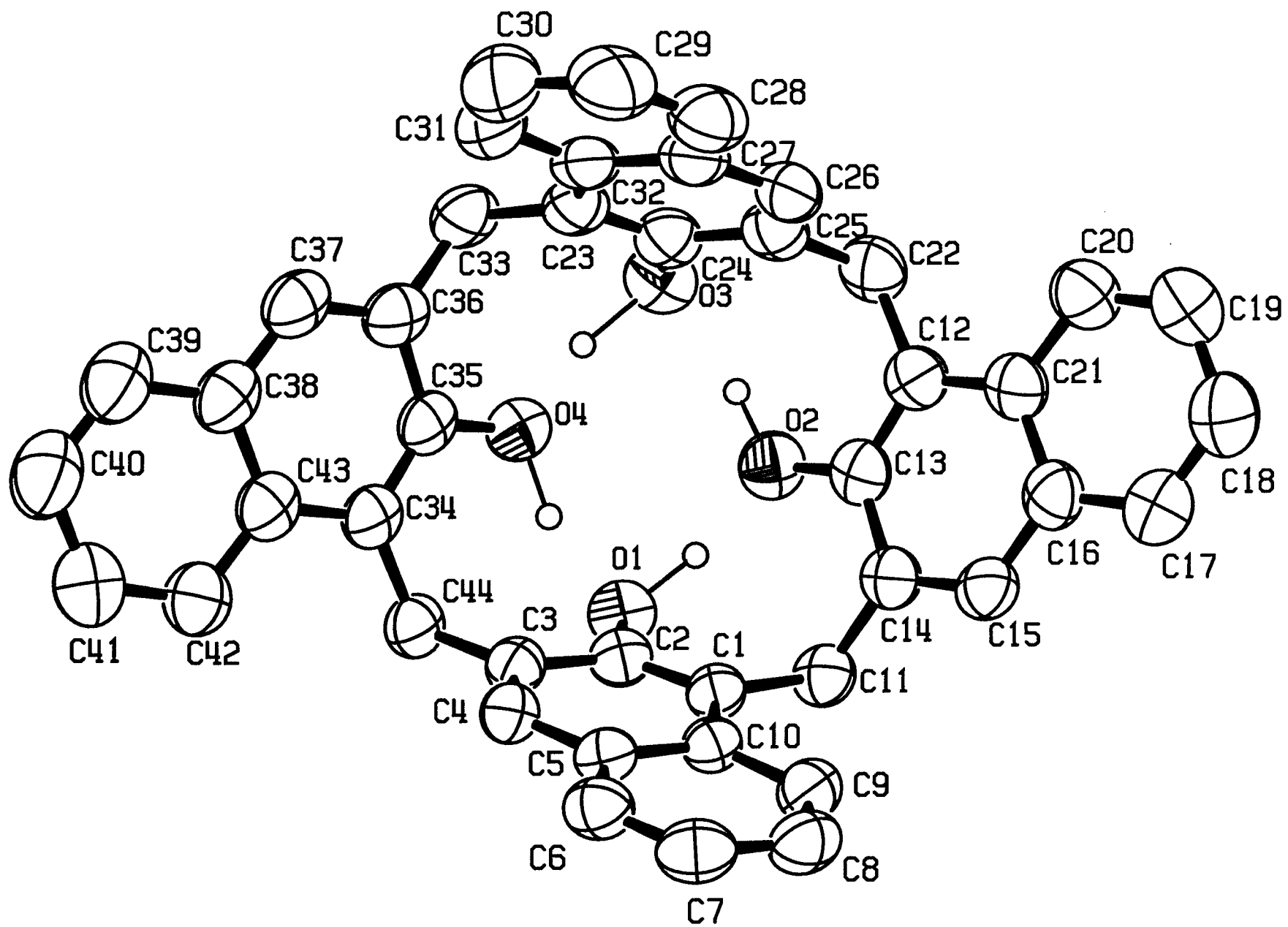
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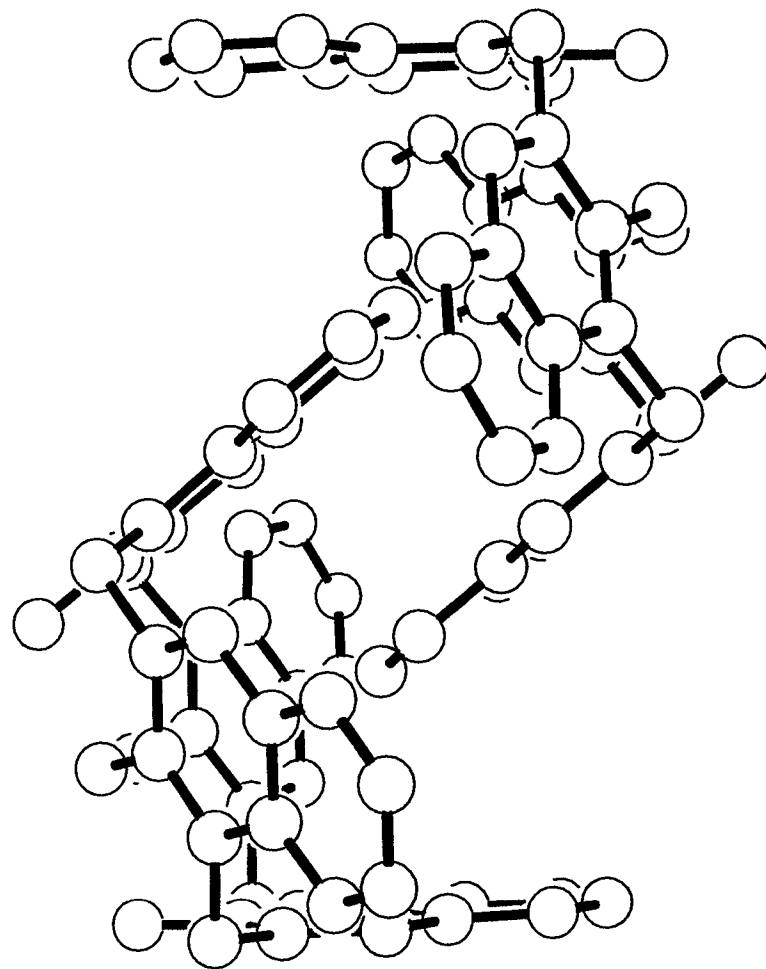
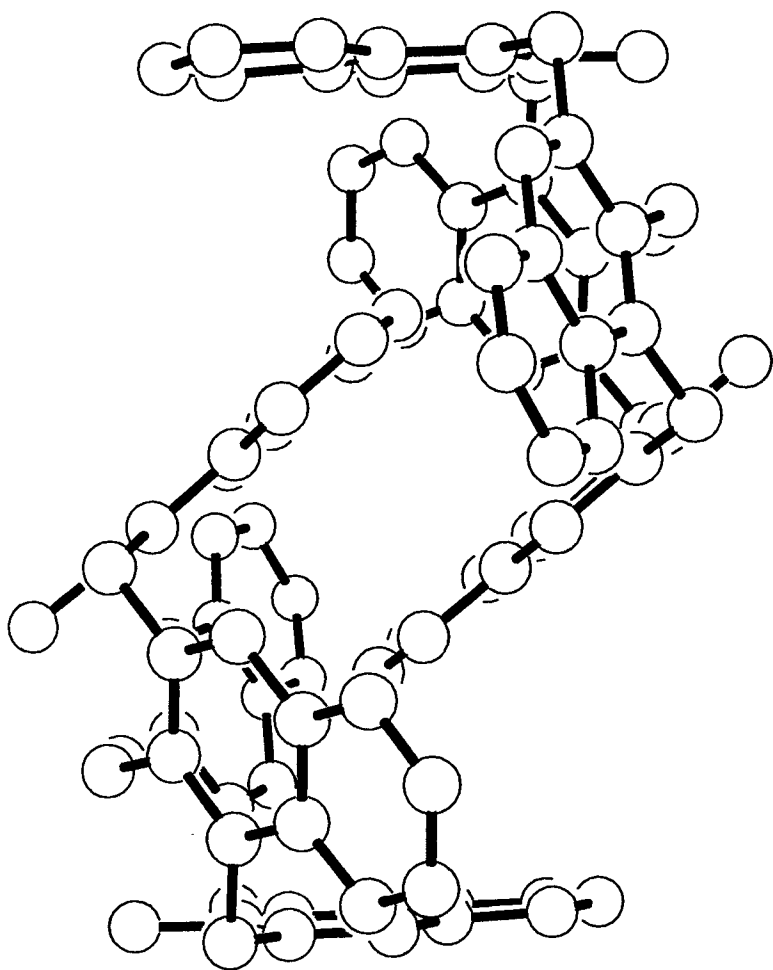


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EXPERIMENTAL DETAILS

A. Crystal Data

Empirical Formula	$C_{54.50}H_{44}O_4$
Formula Weight	762.94
Crystal Color, Habit	colourless, irregular
Crystal Dimensions	0.40 X 0.30 X 0.40 mm
Crystal System	triclinic
Lattice Type	Primitive
No. of Reflections Used for Unit	
Cell Determination (2 θ range)	20 (59.2 - 59.6°)
Omega Scan Peak Width	
at Half-height	0.31°
Lattice Parameters	$a = 12.688(2)\text{\AA}$ $b = 14.108(4)\text{\AA}$ $c = 11.955(2)\text{\AA}$ $\alpha = 98.15(2)^\circ$ $\beta = 105.56(2)^\circ$ $\gamma = 100.80(2)^\circ$ $V = 1983.0(9)\text{\AA}^3$
Space Group	Plo(-,1) (#2)
Z value	2

D_{calc}	1.278 g/cm ³
F_{000}	806.00
$\mu(\text{CuK}\alpha)$	6.21 cm ⁻¹

B. Intensity Measurements

Diffractometer	Rigaku AFC6S
Radiation	CuK α (λ = 1.54178 Å)
	graphite monochromated
Take-off Angle	6.0°
Detector Aperture	4.5 mm horizontal
	3.0 mm vertical
Crystal to Detector Distance	400 mm
Voltage, Current	50kV, 27mA
Temperature	26.0°C
Scan Type	ω -2 θ
Scan Rate	8.0°/min (in ω) (up to 3 scans)
Scan Width	(1.73 + 0.14 tan θ)°
2 θ_{max}	120.2°
No. of Reflections Measured	Total: 6220
Corrections	Unique: 5912 (R_{int} = 0.026) Lorentz-polarization Secondary Extinction (coefficient: 8.21023e-006)

C. Structure Solution and Refinement

Structure Solution	Direct Methods (SIR92)
Refinement	Full-matrix least-squares
Function Minimized	$\Sigma w (F_o - F_c)^2$
Least Squares Weights	$1/\sigma^2(F_o) = 4F_o^2/\sigma^2(F_o^2)$
p-factor	0.0074
Anomalous Dispersion	All non-hydrogen atoms
No. Observations ($I > 2.00\sigma(I)$)	4487
No. Variables	514
Reflection/Parameter Ratio	8.73
Residuals: R; R _w	0.064 ; 0.063
Goodness of Fit Indicator	4.78
Max Shift/Error in Final Cycle	0.00
Maximum peak in Final Diff. Map	0.41 e/ $\text{\AA}^3$
Minimum peak in Final Diff. Map	-0.34 e/ $\text{\AA}^3$

plane.tbl
Table of Least-Squares Planes

----- Plane number 1 -----

Atoms Defining Plane	Distance	esd
C(1) (1)	-.0254	.0015
C(2) (1)	.0038	.0015
C(3) (1)	.0158	.0015
C(4) (1)	.0012	.0016
C(5) (1)	.0017	.0015
C(6) (1)	-.0133	.0017
C(7) (1)	-.0126	.0018
C(8) (1)	.0174	.0017
C(9) (1)	.0178	.0017
C(10) (1)	-.0030	.0015

Additional Atoms	Distance
C(1) (75502)	-3.4406
C(2) (75502)	-3.4697
C(3) (75502)	-3.4817
C(4) (75502)	-3.4671
C(5) (75502)	-3.4676
C(6) (75502)	-3.4526
C(7) (75502)	-3.4534
C(8) (75502)	-3.4834
C(9) (75502)	-3.4837
C(10) (75502)	-3.4629

Mean deviation from plane is .0112 angstroms
Chi-squared: 735.4

Intermolecular Bond Angles

atom	atom	atom	angle	atom	atom	atom	angle
H(1)	O(1)	C(2)	106.44	C(2)	O(1)	H(2)	108.33
H(1)	O(1)	H(40)	89.30	C(2)	O(1)	H(46)	75.26
H(1)	O(1)	C(3)	128.18	C(2)	O(1)	H(3)	107.93
H(1)	O(1)	H(44A)	142.86	C(2)	O(1)	C(47)	110.3(1)
H(1)	O(1)	C(1)	84.21	C(2)	O(1)	H(44B)	64.23
H(1)	O(1)	H(11B)	55.26	H(40)	O(1)	C(3)	74.10
H(1)	O(1)	O(2)	12.59	H(40)	O(1)	H(44A)	53.66
H(1)	O(1)	H(47)	118.88	H(40)	O(1)	C(1)	116.05
H(1)	O(1)	O(4)	81.89	H(40)	O(1)	H(11B)	140.19
H(1)	O(1)	C(44)	138.99	H(40)	O(1)	O(2)	81.16
H(1)	O(1)	C(11)	59.95	H(40)	O(1)	H(47)	118.85
H(1)	O(1)	H(2)	24.60	H(40)	O(1)	O(4)	7.64
H(1)	O(1)	H(46)	160.17	H(40)	O(1)	C(44)	54.54
H(1)	O(1)	H(3)	60.48	H(40)	O(1)	C(11)	130.17
H(1)	O(1)	C(47)	135.21	H(40)	O(1)	H(2)	64.71
H(1)	O(1)	H(44B)	149.40	H(40)	O(1)	H(46)	110.29
C(2)	O(1)	H(40)	96.44	H(40)	O(1)	H(3)	29.23
C(2)	O(1)	C(3)	32.46(8)	H(40)	O(1)	C(47)	110.77
C(2)	O(1)	H(44A)	83.04	H(40)	O(1)	H(44B)	64.39
C(2)	O(1)	C(1)	29.61(9)	C(3)	O(1)	H(44A)	50.78
C(2)	O(1)	H(11B)	79.47	C(3)	O(1)	C(1)	62.07(6)
C(2)	O(1)	O(2)	97.69(8)	C(3)	O(1)	H(11B)	111.74
C(2)	O(1)	H(47)	120.76	C(3)	O(1)	O(2)	116.23(6)
C(2)	O(1)	O(4)	96.7(1)	C(3)	O(1)	H(47)	112.01
C(2)	O(1)	C(44)	64.90(8)	C(3)	O(1)	O(4)	77.56(6)
C(2)	O(1)	C(11)	61.81(9)	C(3)	O(1)	C(44)	32.43(6)
C(3)	O(1)	C(11)	94.27(7)	C(1)	O(1)	H(3)	113.67
C(3)	O(1)	H(2)	117.00	C(1)	O(1)	C(47)	117.82(8)
C(3)	O(1)	H(46)	63.26	C(1)	O(1)	H(44B)	93.32
C(3)	O(1)	H(3)	96.76	H(11B)	O(1)	O(2)	60.57
C(3)	O(1)	C(47)	96.26(9)	H(11B)	O(1)	H(47)	96.08
C(3)	O(1)	H(44B)	32.75	H(11B)	O(1)	O(4)	132.67
H(44A)	O(1)	C(1)	112.47	H(11B)	O(1)	C(44)	143.93
H(44A)	O(1)	H(11B)	158.80	H(11B)	O(1)	C(11)	18.97
H(44A)	O(1)	O(2)	134.38	H(11B)	O(1)	H(2)	78.92
H(44A)	O(1)	H(47)	82.65	H(11B)	O(1)	H(46)	106.85
H(44A)	O(1)	O(4)	61.16	H(11B)	O(1)	H(3)	114.35
H(44A)	O(1)	C(44)	19.12	H(11B)	O(1)	C(47)	107.67
H(44A)	O(1)	C(11)	144.57	H(11B)	O(1)	H(44B)	139.93
H(44A)	O(1)	H(2)	118.27	O(2)	O(1)	H(47)	131.34
H(44A)	O(1)	H(46)	56.64	O(2)	O(1)	O(4)	73.54(5)
H(44A)	O(1)	H(3)	82.39	O(2)	O(1)	C(44)	127.25(6)
H(44A)	O(1)	C(47)	67.51	O(2)	O(1)	C(11)	60.60(5)
H(44A)	O(1)	H(44B)	19.50	O(2)	O(1)	H(2)	19.21
C(1)	O(1)	H(11B)	50.04	O(2)	O(1)	H(46)	166.91
C(1)	O(1)	O(2)	79.42(6)	O(2)	O(1)	H(3)	53.78
C(1)	O(1)	H(47)	119.60	O(2)	O(1)	C(47)	147.49(8)
C(1)	O(1)	O(4)	113.11(7)	O(2)	O(1)	H(44B)	137.37
C(1)	O(1)	C(44)	94.51(6)	H(47)	O(1)	O(4)	124.32
C(1)	O(1)	C(11)	32.22(6)	H(47)	O(1)	C(44)	97.37
C(1)	O(1)	H(2)	95.89	H(47)	O(1)	C(11)	110.50
C(1)	O(1)	H(46)	89.56	H(47)	O(1)	H(2)	128.93
H(47)	O(1)	H(46)	49.35	H(46)	O(1)	H(3)	138.61
H(47)	O(1)	H(3)	126.44	H(46)	O(1)	C(47)	35.43
H(47)	O(1)	C(47)	16.58	H(46)	O(1)	H(44B)	49.57
H(47)	O(1)	H(44B)	88.84	H(3)	O(1)	C(47)	127.00
O(4)	O(1)	C(44)	60.91(5)	H(3)	O(1)	H(44B)	93.44
O(4)	O(1)	C(11)	123.72(6)	C(47)	O(1)	H(44B)	72.32
O(4)	O(1)	H(2)	57.35	H(2)	O(2)	C(13)	123.87
O(4)	O(1)	H(46)	117.79	H(2)	O(2)	H(1)	107.70

O(4)	O(1)	H(3)	22.41	H(2)	O(2)	C(14)	155.89
O(4)	O(1)	C(47)	117.54(8)	H(2)	O(2)	C(12)	93.76
O(4)	O(1)	H(44B)	71.04	H(2)	O(2)	H(22A)	48.96
C(44)	O(1)	C(11)	126.68(6)	H(2)	O(2)	H(11B)	155.40
C(44)	O(1)	H(2)	116.39	H(2)	O(2)	O(1)	106.27
C(44)	O(1)	H(46)	60.16	H(2)	O(2)	O(3)	12.11
C(44)	O(1)	H(3)	83.31	H(2)	O(2)	C(11)	169.04
C(44)	O(1)	C(47)	81.10(8)	H(2)	O(2)	C(22)	61.20
C(44)	O(1)	H(44B)	10.60	H(2)	O(2)	H(3)	34.68
C(11)	O(1)	H(2)	79.79	H(2)	O(2)	H(40)	77.82
C(11)	O(1)	H(46)	106.36	H(2)	O(2)	C(2)	119.53
C(11)	O(1)	H(3)	111.22	H(2)	O(2)	O(4)	59.84
C(11)	O(1)	C(47)	118.69(8)	H(2)	O(2)	C(24)	35.27
C(11)	O(1)	H(44B)	125.19	H(2)	O(2)	C(25)	52.02
H(2)	O(1)	H(46)	173.86	H(2)	O(2)	C(1)	141.99
H(2)	O(1)	H(3)	35.94	H(2)	O(2)	H(7)	87.61
H(2)	O(1)	C(47)	141.41	H(2)	O(2)	C(16)	98.32
H(2)	O(1)	H(44B)	126.98	H(2)	O(2)	C(15)	89.18
H(2)	O(2)	C(15)	144.73	H(1)	O(2)	O(3)	106.20
C(13)	O(2)	H(1)	127.25	H(1)	O(2)	C(11)	62.53
C(13)	O(2)	C(14)	32.34(9)	H(1)	O(2)	C(22)	167.28
C(13)	O(2)	C(12)	30.29(9)	H(1)	O(2)	H(3)	81.62
C(13)	O(2)	H(22A)	78.31	H(1)	O(2)	H(40)	39.34
C(13)	O(2)	H(11B)	79.84	H(1)	O(2)	C(2)	33.29
C(13)	O(2)	O(1)	125.8(1)	H(1)	O(2)	O(4)	60.42
C(13)	O(2)	O(3)	121.7(1)	H(1)	O(2)	C(24)	117.60
C(13)	O(2)	C(11)	65.0(1)	H(1)	O(2)	C(25)	140.63
C(13)	O(2)	C(22)	62.8(1)	H(1)	O(2)	C(1)	50.78
C(13)	O(2)	H(3)	136.97	H(1)	O(2)	H(7)	94.82
C(13)	O(2)	H(40)	139.54	H(1)	O(2)	C(16)	88.74
C(13)	O(2)	C(2)	103.2(1)	H(1)	O(2)	C(15)	112.05
C(13)	O(2)	O(4)	137.9(1)	H(1)	O(2)	C(15)	106.76
C(13)	O(2)	C(24)	100.5(1)	C(14)	O(2)	C(12)	62.63(7)
C(13)	O(2)	C(25)	76.1(1)	C(14)	O(2)	H(22A)	109.84
C(13)	O(2)	C(1)	79.6(1)	C(14)	O(2)	H(11B)	48.54
C(13)	O(2)	H(7)	78.19	C(14)	O(2)	O(1)	94.94(6)
C(13)	O(2)	C(16)	93.8(1)	C(14)	O(2)	O(3)	150.63(8)
C(13)	O(2)	C(15)	81.1(1)	C(14)	O(2)	C(11)	32.70(5)
C(13)	O(2)	C(15)	20.88(9)	C(14)	O(2)	C(22)	95.17(7)
H(1)	O(2)	C(14)	95.15	C(14)	O(2)	H(3)	149.11
H(1)	O(2)	C(12)	157.09	C(14)	O(2)	H(40)	118.27
H(1)	O(2)	H(22A)	154.07	C(14)	O(2)	C(2)	76.21(6)
H(1)	O(2)	H(11B)	51.39	C(14)	O(2)	O(4)	130.36(7)
H(1)	O(2)	O(1)	9.72	C(14)	O(2)	C(24)	125.89(8)
C(14)	O(2)	C(25)	104.94(7)	H(22A)	O(2)	C(11)	141.67
C(14)	O(2)	C(1)	51.53(5)	H(22A)	O(2)	C(22)	20.34
C(14)	O(2)	H(7)	82.79	H(22A)	O(2)	H(3)	80.32
C(14)	O(2)	C(16)	89.59(7)	H(22A)	O(2)	H(40)	125.48
C(14)	O(2)	C(15)	89.28(7)	H(22A)	O(2)	C(2)	159.44
C(14)	O(2)	C(15)	11.61(4)	H(22A)	O(2)	O(4)	105.09
C(12)	O(2)	H(22A)	48.84	H(22A)	O(2)	C(24)	52.35
C(12)	O(2)	H(11B)	109.22	H(22A)	O(2)	C(25)	39.54
C(12)	O(2)	O(1)	153.08(8)	H(22A)	O(2)	C(1)	153.98
C(12)	O(2)	O(3)	93.06(7)	H(22A)	O(2)	H(7)	95.08
C(12)	O(2)	C(11)	95.32(7)	H(22A)	O(2)	C(16)	84.74
C(12)	O(2)	C(22)	32.58(7)	H(22A)	O(2)	C(15)	63.04
C(12)	O(2)	H(3)	114.17	H(22A)	O(2)	C(15)	98.30
C(12)	O(2)	H(40)	145.27	H(11B)	O(2)	O(1)	55.53
C(12)	O(2)	C(2)	127.59(8)	H(11B)	O(2)	O(3)	157.50
C(12)	O(2)	O(4)	128.86(8)	H(11B)	O(2)	C(11)	20.23
C(12)	O(2)	C(24)	75.84(7)	H(11B)	O(2)	C(22)	140.92
C(12)	O(2)	C(25)	50.44(7)	H(11B)	O(2)	H(3)	132.38
C(12)	O(2)	C(1)	106.92(7)	H(11B)	O(2)	H(40)	87.52

C(12)	O(2)	H(7)	77.76	H(11B)	O(2)	C(2)	52.20
C(12)	O(2)	C(16)	96.17(7)	H(11B)	O(2)	O(4)	108.46
C(12)	O(2)	C(15)	75.30(7)	H(11B)	O(2)	C(24)	158.63
C(12)	O(2)	C(15)	51.11(6)	H(11B)	O(2)	C(25)	151.97
H(22A)	O(2)	H(11B)	146.16	H(11B)	O(2)	C(1)	39.19
H(22A)	O(2)	O(1)	155.08	H(11B)	O(2)	H(7)	105.36
H(22A)	O(2)	O(3)	53.69	H(11B)	O(2)	C(16)	71.25
H(11B)	O(2)	C(15)	88.31	O(3)	O(2)	C(16)	110.40(6)
H(11B)	O(2)	C(15)	59.25	O(3)	O(2)	C(15)	100.72(6)
O(1)	O(2)	O(3)	102.76(6)	O(3)	O(2)	C(15)	141.48(6)
O(1)	O(2)	C(11)	63.23(5)	C(11)	O(2)	C(22)	127.81(7)
O(1)	O(2)	C(22)	160.06(7)	C(11)	O(2)	H(3)	134.74
O(1)	O(2)	H(3)	76.85	C(11)	O(2)	H(40)	91.22
O(1)	O(2)	H(40)	32.49	C(11)	O(2)	C(2)	49.64(5)
O(1)	O(2)	C(2)	25.77(4)	C(11)	O(2)	O(4)	109.43(6)
O(1)	O(2)	O(4)	53.81(4)	C(11)	O(2)	C(24)	142.74(8)
O(1)	O(2)	C(24)	110.68(6)	C(11)	O(2)	C(25)	131.93(7)
O(1)	O(2)	C(25)	132.15(6)	C(11)	O(2)	C(1)	28.11(5)
O(1)	O(2)	C(1)	46.60(4)	C(11)	O(2)	H(7)	88.32
O(1)	O(2)	H(7)	85.15	C(11)	O(2)	C(16)	86.81(7)
O(1)	O(2)	C(16)	98.46(5)	C(11)	O(2)	C(15)	99.05(7)
O(1)	O(2)	C(15)	121.77(6)	C(11)	O(2)	C(15)	44.28(5)
O(1)	O(2)	C(15)	106.40(6)	C(22)	O(2)	H(3)	85.71
O(3)	O(2)	C(11)	159.92(7)	C(22)	O(2)	H(40)	128.25
O(3)	O(2)	C(22)	61.57(6)	C(22)	O(2)	C(2)	144.43(8)
O(3)	O(2)	H(3)	26.72	C(22)	O(2)	O(4)	107.03(7)
O(3)	O(2)	H(40)	71.80	C(22)	O(2)	C(24)	49.84(6)
O(3)	O(2)	C(2)	111.47(6)	C(22)	O(2)	C(25)	28.03(5)
O(3)	O(2)	O(4)	51.96(4)	C(22)	O(2)	C(1)	133.70(7)
O(3)	O(2)	C(24)	25.18(5)	C(22)	O(2)	H(7)	79.14
O(3)	O(2)	C(25)	46.14(5)	C(22)	O(2)	C(16)	98.75(6)
O(3)	O(2)	C(1)	131.82(6)	C(22)	O(2)	C(15)	75.50(6)
O(3)	O(2)	H(7)	75.67	C(22)	O(2)	C(15)	83.69(6)
H(3)	O(2)	H(40)	45.18	C(2)	O(2)	C(15)	86.62(6)
H(3)	O(2)	C(2)	85.19	O(4)	O(2)	C(24)	57.19(5)
H(3)	O(2)	O(4)	25.39	O(4)	O(2)	C(25)	81.02(6)
H(3)	O(2)	C(24)	38.35	O(4)	O(2)	C(1)	82.58(5)
H(3)	O(2)	C(25)	63.76	O(4)	O(2)	H(7)	59.72
H(3)	O(2)	C(1)	107.38	O(4)	O(2)	C(16)	128.21(6)
H(3)	O(2)	H(7)	67.01	O(4)	O(2)	C(15)	138.65(6)
H(3)	O(2)	C(16)	120.88	O(4)	O(2)	C(15)	136.39(6)
H(3)	O(2)	C(15)	120.54	C(24)	O(2)	C(25)	25.41(5)
H(3)	O(2)	C(15)	148.86	C(24)	O(2)	C(1)	119.55(7)
H(40)	O(2)	C(2)	42.45	C(24)	O(2)	H(7)	54.52
H(40)	O(2)	O(4)	21.33	C(24)	O(2)	C(16)	129.69(6)
H(40)	O(2)	C(24)	78.42	C(24)	O(2)	C(15)	112.94(6)
H(40)	O(2)	C(25)	101.55	C(24)	O(2)	C(15)	118.15(6)
H(40)	O(2)	C(1)	66.94	C(25)	O(2)	C(1)	120.85(7)
H(40)	O(2)	H(7)	68.36	C(25)	O(2)	H(7)	55.75
H(40)	O(2)	C(16)	118.26	C(25)	O(2)	C(16)	124.23(6)
H(40)	O(2)	C(15)	137.13	C(25)	O(2)	C(15)	101.87(5)
H(40)	O(2)	C(15)	127.80	C(25)	O(2)	C(15)	95.35(6)
C(2)	O(2)	O(4)	59.82(5)	C(1)	O(2)	H(7)	66.91
C(2)	O(2)	C(24)	107.78(6)	C(1)	O(2)	C(16)	110.37(6)
C(2)	O(2)	C(25)	120.36(7)	C(1)	O(2)	C(15)	126.38(6)
C(2)	O(2)	C(1)	24.68(4)	C(1)	O(2)	C(15)	62.01(5)
C(2)	O(2)	H(7)	65.66	H(7)	O(2)	C(16)	171.84
C(2)	O(2)	C(16)	115.37(6)	H(7)	O(2)	C(15)	152.60
C(2)	O(2)	C(15)	137.50(6)	H(7)	O(2)	C(15)	82.24
C(16)	O(2)	C(15)	23.38(4)	C(24)	O(3)	C(33)	61.6(1)
C(16)	O(2)	C(15)	89.70(6)	C(24)	O(3)	C(51)	120.4(1)
C(15)	O(2)	C(15)	84.81(6)	C(24)	O(3)	H(40)	103.71
H(3)	O(3)	C(24)	98.32	C(24)	O(3)	C(59)	110.8(2)

H(3)	O(3)	H(2)	84.49	C(24)	O(3)	C(52)	98.9(2)
H(3)	O(3)	C(25)	119.29	C(24)	O(3)	H(1)	109.21
H(3)	O(3)	C(23)	77.41	H(2)	O(3)	C(25)	80.89
H(3)	O(3)	H(22A)	139.19	H(2)	O(3)	C(23)	120.98
H(3)	O(3)	H(33A)	56.35	H(2)	O(3)	H(22A)	55.95
H(3)	O(3)	O(4)	8.42	H(2)	O(3)	H(33A)	140.32
H(3)	O(3)	O(2)	80.33	H(2)	O(3)	O(4)	77.85
H(3)	O(3)	C(22)	132.51	H(2)	O(3)	O(2)	7.60
H(3)	O(3)	C(33)	57.32	H(2)	O(3)	C(22)	59.96
H(3)	O(3)	C(51)	137.63	H(2)	O(3)	C(33)	132.76
H(3)	O(3)	H(40)	24.78	H(2)	O(3)	C(51)	101.26
H(3)	O(3)	C(59)	133.24	H(2)	O(3)	H(40)	59.74
H(3)	O(3)	C(52)	142.81	H(2)	O(3)	C(59)	121.22
H(3)	O(3)	H(1)	57.91	H(2)	O(3)	C(52)	122.83
C(24)	O(3)	H(2)	103.01	H(2)	O(3)	H(1)	27.01
C(24)	O(3)	C(25)	32.2(1)	C(25)	O(3)	C(23)	61.82(7)
C(24)	O(3)	C(23)	29.59(9)	C(25)	O(3)	H(22A)	50.92
C(24)	O(3)	H(22A)	83.01	C(25)	O(3)	H(33A)	111.04
C(24)	O(3)	H(33A)	79.07	C(25)	O(3)	O(4)	112.60(8)
C(24)	O(3)	O(4)	94.7(1)	C(25)	O(3)	O(2)	77.69(7)
C(24)	O(3)	O(2)	97.2(1)	C(25)	O(3)	C(22)	32.24(7)
C(24)	O(3)	C(22)	64.5(1)	C(25)	O(3)	C(33)	93.83(8)
C(25)	O(3)	C(51)	103.0(1)	H(33A)	O(3)	O(4)	62.55
C(25)	O(3)	H(40)	111.88	H(33A)	O(3)	O(2)	134.91
C(25)	O(3)	C(59)	103.9(1)	H(33A)	O(3)	C(22)	142.97
C(25)	O(3)	C(52)	91.8(1)	H(33A)	O(3)	C(33)	18.86
C(25)	O(3)	H(1)	98.63	H(33A)	O(3)	C(51)	111.76
C(23)	O(3)	H(22A)	112.52	H(33A)	O(3)	H(40)	81.06
C(23)	O(3)	H(33A)	49.83	H(33A)	O(3)	C(59)	93.40
C(23)	O(3)	O(4)	76.94(6)	H(33A)	O(3)	C(52)	95.28
C(23)	O(3)	O(2)	113.63(8)	H(33A)	O(3)	H(1)	114.24
C(23)	O(3)	C(22)	94.05(7)	O(4)	O(3)	O(2)	73.17(5)
C(23)	O(3)	C(33)	32.01(6)	O(4)	O(3)	C(22)	124.09(7)
C(23)	O(3)	C(51)	129.3(1)	O(4)	O(3)	C(33)	60.94(5)
C(23)	O(3)	H(40)	92.38	O(4)	O(3)	C(51)	143.6(1)
C(23)	O(3)	C(59)	111.6(2)	O(4)	O(3)	H(40)	19.06
C(23)	O(3)	C(52)	103.5(2)	O(4)	O(3)	C(59)	141.4(1)
C(23)	O(3)	H(1)	113.57	O(4)	O(3)	C(52)	151.2(1)
H(22A)	O(3)	H(33A)	158.43	O(4)	O(3)	H(1)	51.93
H(22A)	O(3)	O(4)	131.41	O(2)	O(3)	C(22)	60.34(6)
H(22A)	O(3)	O(2)	59.19	O(2)	O(3)	C(33)	125.68(7)
H(22A)	O(3)	C(22)	19.25	O(2)	O(3)	C(51)	108.6(1)
H(22A)	O(3)	C(33)	144.35	O(2)	O(3)	H(40)	55.89
H(22A)	O(3)	C(51)	67.73	O(2)	O(3)	C(59)	128.5(1)
H(22A)	O(3)	H(40)	115.07	O(2)	O(3)	C(52)	129.4(2)
H(22A)	O(3)	C(59)	81.79	O(2)	O(3)	H(1)	24.84
H(22A)	O(3)	C(52)	75.68	C(22)	O(3)	C(33)	126.06(8)
H(22A)	O(3)	H(1)	82.95	C(22)	O(3)	C(51)	83.3(1)
C(22)	O(3)	H(40)	112.57	H(40)	O(4)	O(1)	10.18
C(22)	O(3)	C(59)	93.6(1)	H(40)	O(4)	H(1)	34.76
C(22)	O(3)	C(52)	84.7(1)	H(40)	O(4)	C(33)	173.24
C(22)	O(3)	H(1)	85.13	H(40)	O(4)	C(44)	53.37
C(33)	O(3)	C(51)	125.4(1)	H(40)	O(4)	H(2)	78.89
C(33)	O(3)	H(40)	79.88	H(40)	O(4)	C(24)	124.08
C(33)	O(3)	C(59)	105.7(1)	H(40)	O(4)	C(23)	144.53
C(33)	O(3)	C(52)	104.1(2)	H(40)	O(4)	C(2)	27.27
C(33)	O(3)	H(1)	111.34	H(40)	O(4)	C(3)	42.71
C(51)	O(3)	H(40)	135.37	H(40)	O(4)	O(2)	62.79
C(51)	O(3)	C(59)	20.0(2)	H(40)	O(4)	H(7)	92.09
C(51)	O(3)	C(52)	25.8(2)	H(40)	O(4)	C(38)	83.92
C(51)	O(3)	H(1)	116.60	H(40)	O(4)	C(39)	72.63
H(40)	O(3)	C(59)	143.37	H(40)	O(4)	C(43)	107.39
H(40)	O(3)	C(52)	155.86	H(40)	O(4)	C(37)	137.16

H(40)	O(3)	H(1)	33.18	C(35)	O(4)	H(3)	125.53
C(59)	O(3)	C(52)	12.5(2)	C(35)	O(4)	C(36)	32.68(9)
C(59)	O(3)	H(1)	134.79	C(35)	O(4)	C(34)	30.01(9)
C(52)	O(3)	H(1)	142.09	C(35)	O(4)	H(44A)	77.30
H(40)	O(4)	C(35)	115.88	C(35)	O(4)	O(3)	128.1(1)
H(40)	O(4)	H(3)	117.92	C(35)	O(4)	H(33A)	79.13
H(40)	O(4)	C(36)	148.32	C(35)	O(4)	O(1)	123.3(1)
H(40)	O(4)	C(34)	86.02	C(35)	O(4)	H(1)	142.87
H(40)	O(4)	H(44A)	43.36	C(35)	O(4)	C(33)	65.5(1)
H(40)	O(4)	O(3)	113.65	C(35)	O(4)	C(44)	62.7(1)
H(40)	O(4)	H(33A)	163.07	C(35)	O(4)	H(2)	151.04
C(35)	O(4)	C(24)	106.8(1)	H(3)	O(4)	C(38)	103.65
C(35)	O(4)	C(23)	81.7(1)	H(3)	O(4)	C(39)	90.56
C(35)	O(4)	C(2)	103.2(1)	H(3)	O(4)	C(43)	92.63
C(35)	O(4)	C(3)	78.0(1)	H(3)	O(4)	C(37)	104.51
C(35)	O(4)	O(2)	146.5(1)	C(36)	O(4)	C(34)	62.69(7)
C(35)	O(4)	H(7)	85.29	C(36)	O(4)	H(44A)	108.92
C(35)	O(4)	C(38)	89.58(9)	C(36)	O(4)	O(3)	96.04(7)
C(35)	O(4)	C(39)	113.0(1)	C(36)	O(4)	H(33A)	47.64
C(35)	O(4)	C(43)	79.1(1)	C(36)	O(4)	O(1)	154.22(8)
C(35)	O(4)	C(37)	21.28(9)	C(36)	O(4)	H(1)	159.83
H(3)	O(4)	C(36)	92.91	C(36)	O(4)	C(33)	32.84(6)
H(3)	O(4)	C(34)	155.45	C(36)	O(4)	C(44)	95.43(8)
H(3)	O(4)	H(44A)	155.20	C(36)	O(4)	H(2)	126.94
H(3)	O(4)	O(3)	7.88	C(36)	O(4)	C(24)	78.67(7)
H(3)	O(4)	H(33A)	49.38	C(36)	O(4)	C(23)	53.31(6)
H(3)	O(4)	O(1)	109.25	C(36)	O(4)	C(2)	129.94(8)
H(3)	O(4)	H(1)	85.35	C(36)	O(4)	C(3)	107.50(8)
H(3)	O(4)	C(33)	60.08	C(36)	O(4)	O(2)	136.86(6)
H(3)	O(4)	C(44)	170.94	C(36)	O(4)	H(7)	83.05
H(3)	O(4)	H(2)	42.58	C(36)	O(4)	C(38)	96.33(7)
H(3)	O(4)	C(24)	30.80	C(36)	O(4)	C(39)	116.92(7)
H(3)	O(4)	C(23)	48.80	C(36)	O(4)	C(43)	76.16(7)
H(3)	O(4)	C(2)	120.91	C(36)	O(4)	C(37)	11.68(5)
H(3)	O(4)	C(3)	144.19	C(34)	O(4)	H(44A)	48.43
H(3)	O(4)	O(2)	61.63	C(34)	O(4)	O(3)	156.64(8)
H(3)	O(4)	H(7)	84.95	C(34)	O(4)	H(33A)	108.19
C(34)	O(4)	O(1)	93.99(6)	H(44A)	O(4)	O(2)	105.80
C(34)	O(4)	H(1)	116.40	H(44A)	O(4)	H(7)	108.68
C(34)	O(4)	C(33)	95.50(8)	H(44A)	O(4)	C(38)	63.34
C(34)	O(4)	C(44)	32.74(7)	H(44A)	O(4)	C(39)	69.39
C(34)	O(4)	H(2)	152.36	H(44A)	O(4)	C(43)	81.72
C(34)	O(4)	C(24)	131.41(8)	H(44A)	O(4)	C(37)	97.28
C(34)	O(4)	C(23)	108.64(8)	O(3)	O(4)	H(33A)	55.15
C(34)	O(4)	C(2)	77.57(7)	O(3)	O(4)	O(1)	104.40(6)
C(34)	O(4)	C(3)	51.85(6)	O(3)	O(4)	H(1)	79.93
C(34)	O(4)	O(2)	134.45(7)	O(3)	O(4)	C(33)	63.51(6)
C(34)	O(4)	H(7)	89.04	O(3)	O(4)	C(44)	164.26(7)
C(34)	O(4)	C(38)	83.09(6)	O(3)	O(4)	H(2)	36.17
C(34)	O(4)	C(39)	102.65(7)	O(3)	O(4)	C(24)	26.57(5)
C(34)	O(4)	C(43)	84.51(6)	O(3)	O(4)	C(23)	48.01(5)
C(34)	O(4)	C(37)	51.21(6)	O(3)	O(4)	C(2)	113.86(6)
H(44A)	O(4)	O(3)	154.61	O(3)	O(4)	C(3)	136.47(6)
H(44A)	O(4)	H(33A)	143.09	O(3)	O(4)	O(2)	54.87(5)
H(44A)	O(4)	O(1)	53.34	O(3)	O(4)	H(7)	78.21
H(44A)	O(4)	H(1)	78.10	O(3)	O(4)	C(38)	110.37(7)
H(44A)	O(4)	C(33)	140.69	O(3)	O(4)	C(39)	95.54(6)
H(44A)	O(4)	C(44)	20.26	O(3)	O(4)	C(43)	100.39(6)
H(44A)	O(4)	H(2)	122.17	O(3)	O(4)	C(37)	107.73(6)
H(44A)	O(4)	C(24)	163.25	H(33A)	O(4)	O(1)	157.62
H(44A)	O(4)	C(23)	155.83	H(33A)	O(4)	H(1)	134.73
H(44A)	O(4)	C(2)	52.49	H(33A)	O(4)	C(33)	20.13
H(44A)	O(4)	C(3)	39.64	H(33A)	O(4)	C(44)	139.67

H(33A)	O(4)	H(2)	91.29	H(1)	O(4)	C(44)	85.60
H(33A)	O(4)	C(24)	52.75	H(1)	O(4)	H(2)	44.29
H(33A)	O(4)	C(23)	40.19	H(1)	O(4)	C(24)	90.01
H(33A)	O(4)	C(2)	162.78	H(1)	O(4)	C(23)	113.43
H(33A)	O(4)	C(3)	154.21	H(1)	O(4)	C(2)	39.76
H(33A)	O(4)	O(2)	109.54	H(1)	O(4)	C(3)	65.32
H(33A)	O(4)	H(7)	97.17	H(1)	O(4)	O(2)	28.41
H(33A)	O(4)	C(38)	88.62	H(1)	O(4)	H(7)	76.78
H(33A)	O(4)	C(39)	94.77	H(1)	O(4)	C(38)	103.61
H(33A)	O(4)	C(43)	66.16	H(1)	O(4)	C(39)	83.22
H(33A)	O(4)	C(37)	58.08	H(1)	O(4)	C(43)	123.96
O(1)	O(4)	H(1)	24.81	H(1)	O(4)	C(37)	159.14
O(1)	O(4)	C(33)	163.95(6)	C(33)	O(4)	C(44)	128.20(8)
O(1)	O(4)	C(44)	61.82(5)	C(33)	O(4)	H(2)	97.05
O(1)	O(4)	H(2)	69.08	C(33)	O(4)	C(24)	50.53(6)
O(1)	O(4)	C(24)	113.90(6)	C(33)	O(4)	C(23)	28.94(5)
O(1)	O(4)	C(23)	135.08(6)	C(33)	O(4)	C(2)	146.86(7)
O(1)	O(4)	C(2)	25.69(4)	C(33)	O(4)	C(3)	134.63(8)
O(1)	O(4)	C(3)	46.71(4)	C(33)	O(4)	O(2)	112.12(6)
O(1)	O(4)	O(2)	52.64(4)	C(33)	O(4)	H(7)	81.36
O(1)	O(4)	H(7)	85.89	C(33)	O(4)	C(38)	102.79(7)
O(1)	O(4)	C(38)	91.17(6)	C(33)	O(4)	C(39)	113.32(7)
O(1)	O(4)	C(39)	76.99(6)	C(33)	O(4)	C(43)	79.33(6)
O(1)	O(4)	C(43)	114.51(6)	C(33)	O(4)	C(37)	44.45(6)
O(1)	O(4)	C(37)	144.26(5)	C(44)	O(4)	H(2)	128.49
H(1)	O(4)	C(33)	140.49	C(44)	O(4)	C(24)	148.79(7)
C(44)	O(4)	C(23)	135.80(8)	C(24)	O(4)	C(43)	114.91(6)
C(44)	O(4)	C(2)	50.41(5)	C(24)	O(4)	C(37)	89.64(6)
C(44)	O(4)	C(3)	28.39(5)	C(23)	O(4)	C(2)	122.78(6)
C(44)	O(4)	O(2)	109.55(6)	C(23)	O(4)	C(3)	123.83(7)
C(44)	O(4)	H(7)	92.54	C(23)	O(4)	O(2)	85.36(5)
C(44)	O(4)	C(38)	78.96(6)	C(23)	O(4)	H(7)	57.24
C(44)	O(4)	C(39)	88.82(6)	C(23)	O(4)	C(38)	128.81(7)
C(44)	O(4)	C(43)	92.80(6)	C(23)	O(4)	C(39)	131.09(7)
C(44)	O(4)	C(37)	83.94(6)	C(23)	O(4)	C(43)	106.08(6)
H(2)	O(4)	C(24)	48.27	C(23)	O(4)	C(37)	64.13(5)
H(2)	O(4)	C(23)	73.68	C(2)	O(4)	C(3)	25.78(5)
H(2)	O(4)	C(2)	78.47	C(2)	O(4)	O(2)	59.32(5)
H(2)	O(4)	C(3)	103.11	C(2)	O(4)	H(7)	66.31
H(2)	O(4)	O(2)	19.20	C(2)	O(4)	C(38)	108.35(6)
H(2)	O(4)	H(7)	68.72	C(2)	O(4)	C(39)	99.80(6)
H(2)	O(4)	C(38)	117.69	C(2)	O(4)	C(43)	131.03(6)
H(2)	O(4)	C(39)	94.82	C(2)	O(4)	C(37)	122.14(6)
H(2)	O(4)	C(43)	122.00	C(3)	O(4)	O(2)	83.96(5)
H(2)	O(4)	C(37)	137.71	C(3)	O(4)	H(7)	69.25
C(24)	O(4)	C(23)	25.53(6)	C(3)	O(4)	C(38)	102.94(6)
C(24)	O(4)	C(2)	111.04(6)	C(3)	O(4)	C(39)	105.03(6)
C(24)	O(4)	C(3)	124.37(6)	C(3)	O(4)	C(43)	120.29(5)
C(24)	O(4)	O(2)	61.61(5)	C(3)	O(4)	C(37)	98.05(6)
C(24)	O(4)	H(7)	56.46	O(2)	O(4)	H(7)	61.88
C(24)	O(4)	C(38)	131.91(7)	O(2)	O(4)	C(38)	122.09(6)
C(24)	O(4)	C(39)	121.36(7)	O(2)	O(4)	C(39)	98.71(6)
O(2)	O(4)	C(43)	134.29(6)	C(2)	C(1)	H(40)	23.95
O(2)	O(4)	C(37)	144.66(5)	C(2)	C(1)	H(30)	85.06
H(7)	O(4)	C(38)	171.40	C(2)	C(1)	H(29)	124.71
H(7)	O(4)	C(39)	159.78	C(2)	C(1)	C(15)	138.4(1)
H(7)	O(4)	C(43)	158.93	C(10)	C(1)	C(11)	120.7(1)
H(7)	O(4)	C(37)	85.70	C(10)	C(1)	H(11B)	144.49
C(38)	O(4)	C(39)	23.53(6)	C(10)	C(1)	H(11A)	99.61
C(38)	O(4)	C(43)	23.47(5)	C(10)	C(1)	O(1)	148.2(1)
C(38)	O(4)	C(37)	92.03(6)	C(10)	C(1)	C(3)	89.5(1)
C(39)	O(4)	C(43)	40.75(6)	C(10)	C(1)	C(5)	30.11(9)
C(39)	O(4)	C(37)	114.49(6)	C(10)	C(1)	C(9)	27.89(9)

C(43)	O(4)	C(37)	74.63(6)	C(10)	C(1)	C(14)	110.4(1)
C(2)	C(1)	C(10)	118.3(2)	C(10)	C(1)	H(1)	161.44
C(2)	C(1)	C(11)	121.1(2)	C(10)	C(1)	H(9)	48.09
C(2)	C(1)	H(11B)	96.12	C(10)	C(1)	C(4)	60.3(1)
C(2)	C(1)	H(11A)	138.59	C(10)	C(1)	O(2)	141.2(1)
C(2)	C(1)	O(1)	30.03(9)	C(10)	C(1)	C(13)	122.4(1)
C(2)	C(1)	C(3)	28.7(1)	C(10)	C(1)	H(40)	130.79
C(2)	C(1)	C(5)	88.2(1)	C(10)	C(1)	H(30)	91.13
C(2)	C(1)	C(9)	146.1(1)	C(10)	C(1)	H(29)	76.93
C(2)	C(1)	C(14)	120.8(1)	C(10)	C(1)	C(15)	92.91(9)
C(2)	C(1)	H(1)	53.50	C(11)	C(1)	H(11B)	26.65
C(2)	C(1)	H(9)	166.12	C(11)	C(1)	H(11A)	26.93
C(2)	C(1)	C(4)	58.0(1)	C(11)	C(1)	O(1)	91.1(1)
C(2)	C(1)	O(2)	74.7(1)	C(11)	C(1)	C(3)	149.8(1)
C(2)	C(1)	C(13)	97.9(1)	C(11)	C(1)	C(5)	150.7(1)
C(11)	C(1)	C(9)	92.8(1)	H(11A)	C(1)	O(1)	110.30
C(11)	C(1)	C(14)	32.40(8)	H(11A)	C(1)	C(3)	161.27
C(11)	C(1)	H(1)	69.90	H(11A)	C(1)	C(5)	128.45
C(11)	C(1)	H(9)	72.65	H(11A)	C(1)	C(9)	72.68
C(11)	C(1)	C(4)	177.7(1)	H(11A)	C(1)	C(14)	51.43
C(11)	C(1)	O(2)	59.57(9)	H(11A)	C(1)	H(1)	94.46
C(11)	C(1)	C(13)	48.51(9)	H(11A)	C(1)	H(9)	53.18
C(11)	C(1)	H(40)	104.72	H(11A)	C(1)	C(4)	155.19
C(11)	C(1)	H(30)	94.33	H(11A)	C(1)	O(2)	86.48
C(11)	C(1)	H(29)	70.88	H(11A)	C(1)	C(13)	72.80
C(11)	C(1)	C(15)	38.32(8)	H(11A)	C(1)	H(40)	129.12
H(11B)	C(1)	H(11A)	44.90	H(11A)	C(1)	H(30)	77.64
H(11B)	C(1)	O(1)	66.31	H(11A)	C(1)	H(29)	45.77
H(11B)	C(1)	C(3)	124.58	H(11A)	C(1)	C(15)	46.21
H(11B)	C(1)	C(5)	170.81	O(1)	C(1)	C(3)	58.76(6)
H(11B)	C(1)	C(9)	117.10	O(1)	C(1)	C(5)	118.18(8)
H(11B)	C(1)	C(14)	51.15	O(1)	C(1)	C(9)	175.53(8)
H(11B)	C(1)	H(1)	50.52	O(1)	C(1)	C(14)	96.80(8)
H(11B)	C(1)	H(9)	97.04	O(1)	C(1)	H(1)	27.41
H(11B)	C(1)	C(4)	153.16	O(1)	C(1)	H(9)	163.34
H(11B)	C(1)	O(2)	52.89	O(1)	C(1)	C(4)	87.99(7)
H(11B)	C(1)	C(13)	55.28	O(1)	C(1)	O(2)	53.98(5)
H(11B)	C(1)	H(40)	84.41	O(1)	C(1)	C(13)	77.99(6)
H(11B)	C(1)	H(30)	82.75	O(1)	C(1)	H(40)	24.50
H(11B)	C(1)	H(29)	76.11	O(1)	C(1)	H(30)	85.24
H(11B)	C(1)	C(15)	62.99	O(1)	C(1)	H(29)	116.84
O(1)	C(1)	C(15)	115.30(7)	C(9)	C(1)	H(9)	20.20
C(3)	C(1)	C(5)	59.43(7)	C(9)	C(1)	C(4)	88.21(8)
C(3)	C(1)	C(9)	117.4(1)	C(9)	C(1)	O(2)	130.18(6)
C(3)	C(1)	C(14)	139.67(9)	C(9)	C(1)	C(13)	106.26(7)
C(3)	C(1)	H(1)	80.65	C(9)	C(1)	H(40)	154.71
C(3)	C(1)	H(9)	137.58	C(9)	C(1)	H(30)	92.27
C(3)	C(1)	C(4)	29.23(6)	C(9)	C(1)	H(29)	62.59
C(3)	C(1)	O(2)	96.63(7)	C(9)	C(1)	C(15)	69.17(6)
C(3)	C(1)	C(13)	115.86(8)	C(14)	C(1)	H(1)	69.57
C(3)	C(1)	H(40)	46.67	C(14)	C(1)	H(9)	71.51
C(3)	C(1)	H(30)	85.92	C(14)	C(1)	C(4)	145.65(9)
C(3)	C(1)	H(29)	122.42	C(14)	C(1)	O(2)	46.11(6)
C(3)	C(1)	C(15)	150.31(8)	C(14)	C(1)	C(13)	24.04(6)
C(5)	C(1)	C(9)	58.00(7)	C(14)	C(1)	H(40)	97.36
C(5)	C(1)	C(14)	132.59(9)	C(14)	C(1)	H(30)	126.50
C(5)	C(1)	H(1)	137.04	C(14)	C(1)	H(29)	96.67
C(5)	C(1)	H(9)	78.20	C(14)	C(1)	C(15)	18.53(6)
C(5)	C(1)	C(4)	30.21(6)	H(1)	C(1)	H(9)	140.09
C(5)	C(1)	O(2)	136.28(8)	H(1)	C(1)	C(4)	108.56
C(5)	C(1)	C(13)	132.27(8)	H(1)	C(1)	O(2)	27.56
C(5)	C(1)	H(40)	102.41	H(1)	C(1)	C(13)	50.96
C(5)	C(1)	H(30)	89.54	H(1)	C(1)	H(40)	34.93

C(5)	C(1)	H(29)	94.76	H(1)	C(1)	H(30)	103.74
C(5)	C(1)	C(15)	118.31(8)	H(1)	C(1)	H(29)	121.62
C(9)	C(1)	C(14)	87.66(8)	H(1)	C(1)	C(15)	88.10
C(9)	C(1)	H(1)	157.00	H(9)	C(1)	C(4)	108.40
H(9)	C(1)	O(2)	117.15	H(29)	C(1)	C(15)	86.86
H(9)	C(1)	C(13)	93.24	C(1)	C(2)	O(1)	120.4(2)
H(9)	C(1)	H(40)	163.52	C(1)	C(2)	C(3)	123.7(2)
H(9)	C(1)	H(30)	92.25	C(1)	C(2)	H(1)	94.25
H(9)	C(1)	H(29)	55.05	C(1)	C(2)	H(40)	141.43
H(9)	C(1)	C(15)	53.24	C(1)	C(2)	C(4)	92.8(1)
C(4)	C(1)	O(2)	118.24(7)	C(1)	C(2)	C(10)	31.7(1)
C(4)	C(1)	C(13)	129.16(8)	C(1)	C(2)	C(11)	31.2(1)
C(4)	C(1)	H(40)	73.67	C(1)	C(2)	C(44)	153.8(2)
C(4)	C(1)	H(30)	87.73	C(1)	C(2)	H(11B)	52.03
C(4)	C(1)	H(29)	111.44	C(1)	C(2)	H(44A)	172.27
C(4)	C(1)	C(15)	140.65(8)	C(1)	C(2)	C(5)	62.4(1)
O(2)	C(1)	C(13)	24.18(4)	C(1)	C(2)	H(46)	118.20
O(2)	C(1)	H(40)	51.39	C(1)	C(2)	O(2)	80.6(1)
O(2)	C(1)	H(30)	127.38	C(1)	C(2)	O(4)	134.7(1)
O(2)	C(1)	H(29)	128.18	C(1)	C(2)	H(11A)	25.01
O(2)	C(1)	C(15)	63.99(5)	C(1)	C(2)	H(4)	100.93
C(13)	C(1)	H(40)	74.02	C(1)	C(2)	H(44B)	144.75
C(13)	C(1)	H(30)	138.03	C(1)	C(2)	C(14)	39.36(9)
C(13)	C(1)	H(29)	118.55	C(1)	C(2)	H(7)	82.99
C(13)	C(1)	C(15)	40.52(5)	C(1)	C(2)	C(34)	145.6(1)
H(40)	C(1)	H(30)	104.21	C(1)	C(2)	H(30)	72.34
H(40)	C(1)	H(29)	140.36	C(1)	C(2)	H(47)	116.90
H(40)	C(1)	C(15)	114.52	O(1)	C(2)	C(3)	116.0(1)
H(30)	C(1)	H(29)	39.90	O(1)	C(2)	H(1)	33.40
H(30)	C(1)	C(15)	123.57	O(1)	C(2)	H(40)	44.80
O(1)	C(2)	C(4)	146.9(1)	C(3)	C(2)	C(5)	61.3(1)
O(1)	C(2)	C(10)	152.0(1)	C(3)	C(2)	H(46)	71.37
O(1)	C(2)	C(11)	89.2(1)	C(3)	C(2)	O(2)	134.8(1)
O(1)	C(2)	C(44)	85.9(1)	C(3)	C(2)	O(4)	77.7(1)
O(1)	C(2)	H(11B)	68.63	C(3)	C(2)	H(11A)	145.37
O(1)	C(2)	H(44A)	65.10	C(3)	C(2)	H(4)	22.76
O(1)	C(2)	C(5)	177.0(1)	C(3)	C(2)	H(44B)	25.25
O(1)	C(2)	H(46)	79.33	C(3)	C(2)	C(14)	146.1(1)
O(1)	C(2)	O(2)	56.54(7)	C(3)	C(2)	H(7)	84.41
O(1)	C(2)	O(4)	57.63(9)	C(3)	C(2)	C(34)	36.91(9)
O(1)	C(2)	H(11A)	97.17	C(3)	C(2)	H(30)	100.11
O(1)	C(2)	H(4)	138.71	C(3)	C(2)	H(47)	105.38
O(1)	C(2)	H(44B)	93.11	H(1)	C(2)	H(40)	54.24
O(1)	C(2)	C(14)	88.73(8)	H(1)	C(2)	C(4)	157.36
O(1)	C(2)	H(7)	103.84	H(1)	C(2)	C(10)	123.79
O(1)	C(2)	C(34)	86.6(1)	H(1)	C(2)	C(11)	64.85
O(1)	C(2)	H(30)	98.02	H(1)	C(2)	C(44)	109.94
O(1)	C(2)	H(47)	39.81	H(1)	C(2)	H(11B)	50.05
C(3)	C(2)	H(1)	136.89	H(1)	C(2)	H(44A)	92.78
C(3)	C(2)	H(40)	82.69	H(1)	C(2)	C(5)	149.36
C(3)	C(2)	C(4)	30.9(1)	H(1)	C(2)	H(46)	110.62
C(3)	C(2)	C(10)	92.0(1)	H(1)	C(2)	O(2)	24.00
C(3)	C(2)	C(11)	154.8(1)	H(1)	C(2)	O(4)	60.02
C(3)	C(2)	C(44)	30.1(1)	H(1)	C(2)	H(11A)	77.00
C(3)	C(2)	H(11B)	172.68	H(1)	C(2)	H(4)	153.56
C(3)	C(2)	H(44A)	51.16	H(1)	C(2)	H(44B)	120.98
H(1)	C(2)	C(14)	57.25	C(4)	C(2)	H(11B)	144.14
H(1)	C(2)	H(7)	80.51	C(4)	C(2)	H(44A)	81.90
H(1)	C(2)	C(34)	100.19	C(4)	C(2)	C(5)	30.36(6)
H(1)	C(2)	H(30)	111.41	C(4)	C(2)	H(46)	84.65
H(1)	C(2)	H(47)	68.11	C(4)	C(2)	O(2)	138.37(8)
H(40)	C(2)	C(4)	109.34	C(4)	C(2)	O(4)	100.42(8)
H(40)	C(2)	C(10)	150.16	C(4)	C(2)	H(11A)	115.32

H(40)	C(2)	C(11)	117.79	C(4)	C(2)	H(4)	8.17
H(40)	C(2)	C(44)	57.22	C(4)	C(2)	H(44B)	54.43
H(40)	C(2)	H(11B)	104.10	C(4)	C(2)	C(14)	121.28(8)
H(40)	C(2)	H(44A)	46.24	C(4)	C(2)	H(7)	79.03
H(40)	C(2)	C(5)	134.02	C(4)	C(2)	C(34)	63.30(7)
H(40)	C(2)	H(46)	95.62	C(4)	C(2)	H(30)	91.23
H(40)	C(2)	O(2)	61.71	C(4)	C(2)	H(47)	126.63
H(40)	C(2)	O(4)	14.15	C(10)	C(2)	C(11)	62.89(7)
H(40)	C(2)	H(11A)	130.92	C(10)	C(2)	C(44)	122.1(1)
H(40)	C(2)	H(4)	102.27	C(10)	C(2)	H(11B)	83.41
H(40)	C(2)	H(44B)	70.14	C(10)	C(2)	H(44A)	142.43
H(40)	C(2)	C(14)	102.68	C(10)	C(2)	C(5)	30.72(6)
H(40)	C(2)	H(7)	71.29	C(10)	C(2)	H(46)	110.52
H(40)	C(2)	C(34)	46.46	C(10)	C(2)	O(2)	105.14(7)
H(40)	C(2)	H(30)	135.50	C(10)	C(2)	O(4)	136.26(8)
H(40)	C(2)	H(47)	74.94	C(10)	C(2)	H(11A)	55.10
C(4)	C(2)	C(10)	61.08(8)	C(10)	C(2)	H(4)	69.26
C(4)	C(2)	C(11)	123.9(1)	C(10)	C(2)	H(44B)	113.99
C(4)	C(2)	C(44)	61.02(8)	C(10)	C(2)	C(14)	66.56(6)
C(10)	C(2)	H(7)	78.99	C(44)	C(2)	H(4)	52.85
C(10)	C(2)	C(34)	119.55(9)	C(44)	C(2)	H(44B)	13.77
C(10)	C(2)	H(30)	74.33	C(44)	C(2)	C(14)	154.71(8)
C(10)	C(2)	H(47)	134.39	C(44)	C(2)	H(7)	90.94
C(11)	C(2)	C(44)	174.8(1)	C(44)	C(2)	C(34)	22.51(5)
C(11)	C(2)	H(11B)	21.80	C(44)	C(2)	H(30)	106.33
C(11)	C(2)	H(44A)	153.90	C(44)	C(2)	H(47)	82.63
C(11)	C(2)	C(5)	93.60(8)	H(11B)	C(2)	H(44A)	132.27
C(11)	C(2)	H(46)	117.42	H(11B)	C(2)	C(5)	113.99
C(11)	C(2)	O(2)	57.52(6)	H(11B)	C(2)	H(46)	104.85
C(11)	C(2)	O(4)	118.36(7)	H(11B)	C(2)	O(2)	52.25
C(11)	C(2)	H(11A)	14.04	H(11B)	C(2)	O(4)	109.50
C(11)	C(2)	H(4)	132.09	H(11B)	C(2)	H(11A)	28.83
C(11)	C(2)	H(44B)	169.72	H(11B)	C(2)	H(4)	152.20
C(11)	C(2)	C(14)	23.02(5)	H(11B)	C(2)	H(44B)	155.08
C(11)	C(2)	H(7)	88.59	H(11B)	C(2)	C(14)	35.82
C(11)	C(2)	C(34)	155.40(7)	H(11B)	C(2)	H(7)	100.24
C(11)	C(2)	H(30)	76.03	H(11B)	C(2)	C(34)	150.21
C(11)	C(2)	H(47)	94.65	H(11B)	C(2)	H(30)	73.19
C(44)	C(2)	H(11B)	153.89	H(11B)	C(2)	H(47)	74.27
C(44)	C(2)	H(44A)	21.64	H(44A)	C(2)	C(5)	112.04
C(44)	C(2)	C(5)	91.38(8)	H(44A)	C(2)	H(46)	55.95
C(44)	C(2)	H(46)	63.29	H(44A)	C(2)	O(2)	107.06
C(44)	C(2)	O(2)	117.96(8)	H(44A)	C(2)	O(4)	52.33
C(44)	C(2)	O(4)	57.30(6)	H(44A)	C(2)	H(11A)	156.46
C(44)	C(2)	H(11A)	169.71	H(44A)	C(2)	H(4)	73.79
H(44A)	C(2)	H(44B)	28.50	H(46)	C(2)	H(47)	42.78
H(44A)	C(2)	C(14)	148.32	O(2)	C(2)	O(4)	60.87(5)
H(44A)	C(2)	H(7)	101.35	O(2)	C(2)	H(11A)	71.51
H(44A)	C(2)	C(34)	35.10	O(2)	C(2)	H(4)	139.07
H(44A)	C(2)	H(30)	102.06	O(2)	C(2)	H(44B)	131.48
H(44A)	C(2)	H(47)	63.08	O(2)	C(2)	C(14)	41.29(5)
C(5)	C(2)	H(46)	98.43	O(2)	C(2)	H(7)	59.41
C(5)	C(2)	O(2)	126.02(7)	O(2)	C(2)	C(34)	100.62(6)
C(5)	C(2)	O(4)	121.58(8)	O(2)	C(2)	H(30)	124.54
C(5)	C(2)	H(11A)	85.35	O(2)	C(2)	H(47)	91.93
C(5)	C(2)	H(4)	38.53	O(4)	C(2)	H(11A)	132.37
C(5)	C(2)	H(44B)	83.97	O(4)	C(2)	H(4)	94.32
C(5)	C(2)	C(14)	94.25(7)	O(4)	C(2)	H(44B)	71.03
C(5)	C(2)	H(7)	77.30	O(4)	C(2)	C(14)	99.27(6)
C(5)	C(2)	C(34)	91.32(7)	O(4)	C(2)	H(7)	57.91
C(5)	C(2)	H(30)	81.67	O(4)	C(2)	C(34)	40.94(4)
C(5)	C(2)	H(47)	138.69	O(4)	C(2)	H(30)	149.04
H(46)	C(2)	O(2)	134.59	O(4)	C(2)	H(47)	89.06

H(46)	C(2)	O(4)	106.15	H(11A)	C(2)	H(4)	123.36
H(46)	C(2)	H(11A)	107.50	H(11A)	C(2)	H(44B)	156.12
H(46)	C(2)	H(4)	81.04	H(11A)	C(2)	C(14)	35.54
H(46)	C(2)	H(44B)	53.41	H(11A)	C(2)	H(7)	97.83
H(46)	C(2)	C(14)	139.55	H(11A)	C(2)	C(34)	166.85
H(46)	C(2)	H(7)	153.96	H(11A)	C(2)	H(30)	63.56
H(46)	C(2)	C(34)	85.56	H(11A)	C(2)	H(47)	93.38
H(46)	C(2)	H(30)	46.11	H(4)	C(2)	H(44B)	46.59
H(4)	C(2)	C(14)	128.24	C(4)	C(3)	C(5)	28.69(9)
H(4)	C(2)	H(7)	80.02	C(4)	C(3)	C(1)	89.1(1)
H(4)	C(2)	C(34)	55.91	C(4)	C(3)	H(40)	153.13
H(4)	C(2)	H(30)	93.88	C(4)	C(3)	C(34)	108.8(1)
H(4)	C(2)	H(47)	121.63	C(4)	C(3)	C(10)	58.8(1)
H(44B)	C(2)	C(14)	166.88	C(4)	C(3)	H(46)	113.06
H(44B)	C(2)	H(7)	100.56	C(4)	C(3)	O(4)	137.1(1)
H(44B)	C(2)	C(34)	34.87	C(4)	C(3)	C(35)	119.5(1)
H(44B)	C(2)	H(30)	93.73	C(4)	C(3)	H(1)	137.09
H(44B)	C(2)	H(47)	80.86	C(4)	C(3)	H(42)	77.00
C(14)	C(2)	H(7)	66.43	C(4)	C(3)	C(43)	92.2(1)
C(14)	C(2)	C(34)	132.52(6)	C(2)	C(3)	C(44)	121.9(2)
C(14)	C(2)	H(30)	98.88	C(2)	C(3)	H(4)	141.21
C(14)	C(2)	H(47)	108.37	C(2)	C(3)	H(44A)	96.02
H(7)	C(2)	C(34)	69.02	C(2)	C(3)	H(44B)	137.53
H(7)	C(2)	H(30)	153.05	C(2)	C(3)	O(1)	31.58(9)
H(7)	C(2)	H(47)	143.25	C(2)	C(3)	C(5)	88.0(1)
C(34)	C(2)	H(30)	128.56	C(2)	C(3)	C(1)	27.6(1)
C(34)	C(2)	H(47)	97.47	C(2)	C(3)	H(40)	62.40
H(30)	C(2)	H(47)	61.40	C(2)	C(3)	C(34)	123.5(1)
C(4)	C(3)	C(2)	116.7(2)	C(2)	C(3)	C(10)	58.0(1)
C(4)	C(3)	C(44)	121.4(2)	C(2)	C(3)	H(46)	81.88
C(4)	C(3)	H(4)	24.50	C(2)	C(3)	O(4)	76.5(1)
C(4)	C(3)	H(44A)	146.50	C(2)	C(3)	C(35)	100.7(1)
C(4)	C(3)	H(44B)	101.69	C(2)	C(3)	H(1)	25.71
C(4)	C(3)	O(1)	148.3(1)	C(2)	C(3)	H(42)	165.95
C(2)	C(3)	C(43)	141.3(1)	H(4)	C(3)	C(35)	104.80
C(44)	C(3)	H(4)	96.86	H(4)	C(3)	H(1)	158.54
C(44)	C(3)	H(44A)	26.91	H(4)	C(3)	H(42)	52.58
C(44)	C(3)	H(44B)	26.41	H(4)	C(3)	C(43)	70.27
C(44)	C(3)	O(1)	90.3(1)	H(44A)	C(3)	H(44B)	45.00
C(44)	C(3)	C(5)	150.0(1)	H(44A)	C(3)	O(1)	64.66
C(44)	C(3)	C(1)	149.5(1)	H(44A)	C(3)	C(5)	171.06
C(44)	C(3)	H(40)	65.96	H(44A)	C(3)	C(1)	123.35
C(44)	C(3)	C(34)	33.15(9)	H(44A)	C(3)	H(40)	49.51
C(44)	C(3)	C(10)	179.7(1)	H(44A)	C(3)	C(34)	51.72
C(44)	C(3)	H(46)	76.62	H(44A)	C(3)	C(10)	152.88
C(44)	C(3)	O(4)	61.52(9)	H(44A)	C(3)	H(46)	62.30
C(44)	C(3)	C(35)	49.39(8)	H(44A)	C(3)	O(4)	54.36
C(44)	C(3)	H(1)	99.44	H(44A)	C(3)	C(35)	55.83
C(44)	C(3)	H(42)	44.49	H(44A)	C(3)	H(1)	76.27
C(44)	C(3)	C(43)	38.2(1)	H(44A)	C(3)	H(42)	70.01
H(4)	C(3)	H(44A)	122.47	H(44A)	C(3)	C(43)	62.94
H(4)	C(3)	H(44B)	78.54	H(44B)	C(3)	O(1)	108.26
H(4)	C(3)	O(1)	172.79	H(44B)	C(3)	C(5)	128.28
H(4)	C(3)	C(5)	53.18	H(44B)	C(3)	C(1)	158.62
H(4)	C(3)	C(1)	113.63	H(44B)	C(3)	H(40)	91.38
H(4)	C(3)	H(40)	146.96	H(44B)	C(3)	C(34)	51.63
H(4)	C(3)	C(34)	88.15	H(44B)	C(3)	C(10)	153.45
H(4)	C(3)	C(10)	83.25	H(44B)	C(3)	H(46)	66.19
H(4)	C(3)	H(46)	110.18	H(44B)	C(3)	O(4)	87.88
H(4)	C(3)	O(4)	128.24	H(44B)	C(3)	C(35)	73.07
H(44B)	C(3)	H(1)	121.22	C(1)	C(3)	C(10)	30.39(6)
H(44B)	C(3)	H(42)	29.06	C(1)	C(3)	H(46)	92.66
H(44B)	C(3)	C(43)	45.86	C(1)	C(3)	O(4)	96.72(7)

O(1)	C(3)	C(5)	119.61(9)	C(1)	C(3)	C(35)	117.56(7)
O(1)	C(3)	C(1)	59.17(7)	C(1)	C(3)	H(1)	51.00
O(1)	C(3)	H(40)	37.54	C(1)	C(3)	H(42)	165.80
O(1)	C(3)	C(34)	97.95(9)	C(1)	C(3)	C(43)	153.28(7)
O(1)	C(3)	C(10)	89.54(7)	H(40)	C(3)	C(34)	61.76
O(1)	C(3)	H(46)	71.45	H(40)	C(3)	C(10)	114.09
O(1)	C(3)	O(4)	55.72(5)	H(40)	C(3)	H(46)	93.66
O(1)	C(3)	C(35)	79.91(7)	H(40)	C(3)	O(4)	18.86
O(1)	C(3)	H(1)	16.65	H(40)	C(3)	C(35)	42.38
O(1)	C(3)	H(42)	134.61	H(40)	C(3)	H(1)	36.71
O(1)	C(3)	C(43)	116.05(8)	H(40)	C(3)	H(42)	107.03
C(5)	C(3)	C(1)	60.45(7)	H(40)	C(3)	C(43)	80.09
C(5)	C(3)	H(40)	138.93	C(34)	C(3)	C(10)	147.18(8)
C(5)	C(3)	C(34)	131.6(1)	C(34)	C(3)	H(46)	109.64
C(5)	C(3)	C(10)	30.07(6)	C(34)	C(3)	O(4)	47.12(6)
C(5)	C(3)	H(46)	110.63	C(34)	C(3)	C(35)	24.17(5)
C(5)	C(3)	O(4)	134.54(7)	C(34)	C(3)	H(1)	97.94
C(5)	C(3)	C(35)	131.27(8)	C(34)	C(3)	H(42)	48.95
C(5)	C(3)	H(1)	109.74	C(34)	C(3)	C(43)	18.34(6)
C(5)	C(3)	H(42)	105.61	C(10)	C(3)	H(46)	103.05
C(5)	C(3)	C(43)	117.88(9)	C(10)	C(3)	O(4)	118.65(6)
C(1)	C(3)	H(40)	86.73	C(10)	C(3)	C(35)	130.89(6)
C(1)	C(3)	C(34)	141.60(8)	C(10)	C(3)	H(1)	80.52
C(10)	C(3)	H(42)	135.60	H(4)	C(4)	C(34)	77.22
C(10)	C(3)	C(43)	142.10(8)	H(4)	C(4)	H(44A)	98.76
H(46)	C(3)	O(4)	109.06	H(4)	C(4)	C(8)	86.74
H(46)	C(3)	C(35)	118.03	H(4)	C(4)	H(42)	37.71
H(46)	C(3)	H(1)	87.22	H(4)	C(4)	H(8)	79.55
H(46)	C(3)	H(42)	89.99	C(3)	C(4)	C(5)	123.6(2)
H(46)	C(3)	C(43)	111.18	C(3)	C(4)	C(2)	32.35(9)
O(4)	C(3)	C(35)	24.79(5)	C(3)	C(4)	C(10)	92.5(1)
O(4)	C(3)	H(1)	51.38	C(3)	C(4)	C(6)	152.5(1)
O(4)	C(3)	H(42)	95.59	C(3)	C(4)	C(44)	31.03(9)
O(4)	C(3)	C(43)	64.87(5)	C(3)	C(4)	H(6)	173.20
C(35)	C(3)	H(1)	76.07	C(3)	C(4)	H(44B)	48.40
C(35)	C(3)	H(42)	72.98	C(3)	C(4)	C(1)	61.6(1)
C(35)	C(3)	C(43)	40.68(5)	C(3)	C(4)	C(34)	47.7(1)
H(1)	C(3)	H(42)	143.14	C(3)	C(4)	H(44A)	20.17
H(1)	C(3)	C(43)	116.08	C(3)	C(4)	C(8)	96.1(1)
H(42)	C(3)	C(43)	33.28	C(3)	C(4)	H(42)	80.89
H(4)	C(4)	C(3)	118.41	C(3)	C(4)	H(8)	88.02
H(4)	C(4)	C(5)	118.03	C(5)	C(4)	C(2)	91.2(1)
H(4)	C(4)	C(2)	150.76	C(5)	C(4)	C(10)	31.0(1)
H(4)	C(4)	C(10)	149.06	C(5)	C(4)	C(6)	28.9(1)
H(4)	C(4)	C(6)	89.09	C(5)	C(4)	C(44)	154.6(1)
H(4)	C(4)	C(44)	87.38	C(5)	C(4)	H(6)	49.64
H(4)	C(4)	H(6)	68.39	C(5)	C(4)	H(44B)	162.32
H(4)	C(4)	H(44B)	72.26	C(5)	C(4)	C(1)	61.9(1)
H(4)	C(4)	C(1)	179.28	C(5)	C(4)	C(34)	152.6(1)
C(5)	C(4)	H(44A)	142.84	C(6)	C(4)	H(6)	20.70
C(5)	C(4)	C(8)	87.5(1)	C(6)	C(4)	H(44B)	155.98
C(5)	C(4)	H(42)	155.20	C(6)	C(4)	C(1)	90.87(8)
C(5)	C(4)	H(8)	102.40	C(6)	C(4)	C(34)	151.93(9)
C(2)	C(4)	C(10)	60.18(8)	C(6)	C(4)	H(44A)	170.63
C(2)	C(4)	C(6)	120.15(9)	C(6)	C(4)	C(8)	85.09(7)
C(2)	C(4)	C(44)	63.39(8)	C(6)	C(4)	H(42)	126.51
C(2)	C(4)	H(6)	140.85	C(6)	C(4)	H(8)	98.00
C(2)	C(4)	H(44B)	79.53	C(44)	C(4)	H(6)	155.76
C(2)	C(4)	C(1)	29.29(6)	C(44)	C(4)	H(44B)	21.06
C(2)	C(4)	C(34)	76.02(8)	C(44)	C(4)	C(1)	92.67(8)
C(2)	C(4)	H(44A)	52.17	C(44)	C(4)	C(34)	26.86(6)
C(2)	C(4)	C(8)	94.97(7)	C(44)	C(4)	H(44A)	12.32
C(2)	C(4)	H(42)	113.19	C(44)	C(4)	C(8)	95.13(8)

C(2)	C(4)	H(8)	94.86	C(44)	C(4)	H(42)	49.93
C(10)	C(4)	C(6)	59.98(8)	C(44)	C(4)	H(8)	81.78
C(10)	C(4)	C(44)	123.6(1)	H(6)	C(4)	H(44B)	137.87
C(10)	C(4)	H(6)	80.68	H(6)	C(4)	C(1)	111.57
C(10)	C(4)	H(44B)	137.20	H(6)	C(4)	C(34)	137.92
C(10)	C(4)	C(1)	30.90(6)	H(6)	C(4)	H(44A)	166.23
C(10)	C(4)	C(34)	130.14(8)	H(6)	C(4)	C(8)	84.28
C(10)	C(4)	H(44A)	112.05	H(6)	C(4)	H(42)	105.87
C(10)	C(4)	C(8)	90.23(7)	H(6)	C(4)	H(8)	93.74
C(10)	C(4)	H(42)	172.31	H(44B)	C(4)	C(1)	107.97
C(10)	C(4)	H(8)	103.14	H(44B)	C(4)	C(34)	38.92
C(6)	C(4)	C(44)	176.4(1)	H(44B)	C(4)	H(44A)	28.36
H(44B)	C(4)	C(8)	108.16	C(6)	C(5)	C(8)	58.8(1)
H(44B)	C(4)	H(42)	35.23	C(6)	C(5)	C(2)	179.2(1)
H(44B)	C(4)	H(8)	93.44	C(6)	C(5)	H(7)	20.64
C(1)	C(4)	C(34)	102.51(8)	C(6)	C(5)	H(9)	96.12
C(1)	C(4)	H(44A)	81.34	C(4)	C(5)	C(10)	118.3(2)
C(1)	C(4)	C(8)	92.55(6)	C(4)	C(5)	H(4)	24.14
C(1)	C(4)	H(42)	142.41	C(4)	C(5)	H(6)	98.44
C(1)	C(4)	H(8)	99.75	C(4)	C(5)	C(7)	150.8(1)
C(34)	C(4)	H(44A)	36.65	C(4)	C(5)	C(9)	149.9(1)
C(34)	C(4)	C(8)	69.94(6)	C(4)	C(5)	C(3)	27.8(1)
C(34)	C(4)	H(42)	46.81	C(4)	C(5)	C(1)	87.9(1)
C(34)	C(4)	H(8)	55.76	C(4)	C(5)	C(8)	179.0(2)
H(44A)	C(4)	C(8)	100.38	C(4)	C(5)	C(2)	58.4(1)
H(44A)	C(4)	H(42)	61.06	C(4)	C(5)	H(7)	142.73
H(44A)	C(4)	H(8)	88.51	C(4)	C(5)	H(9)	141.79
C(8)	C(4)	H(42)	94.40	C(10)	C(5)	H(4)	142.43
C(8)	C(4)	H(8)	14.92	C(10)	C(5)	H(6)	143.27
H(42)	C(4)	H(8)	80.73	C(10)	C(5)	C(7)	90.9(1)
C(6)	C(5)	C(4)	122.1(2)	C(10)	C(5)	C(9)	31.59(9)
C(6)	C(5)	C(10)	119.6(2)	C(10)	C(5)	C(3)	90.5(1)
C(6)	C(5)	H(4)	97.95	C(10)	C(5)	C(1)	30.43(9)
C(6)	C(5)	H(6)	23.65	C(10)	C(5)	C(8)	60.8(1)
C(6)	C(5)	C(7)	28.7(1)	C(10)	C(5)	C(2)	59.9(1)
C(6)	C(5)	C(9)	88.0(1)	C(10)	C(5)	H(7)	98.98
C(6)	C(5)	C(3)	149.8(1)	C(10)	C(5)	H(9)	23.52
C(6)	C(5)	C(1)	150.0(1)	H(4)	C(5)	H(6)	74.30
H(4)	C(5)	C(7)	126.65	C(9)	C(5)	C(2)	91.44(8)
H(4)	C(5)	C(9)	174.00	C(9)	C(5)	H(7)	67.40
H(4)	C(5)	C(3)	51.89	C(9)	C(5)	H(9)	8.08
H(4)	C(5)	C(1)	112.00	C(3)	C(5)	C(1)	60.12(7)
H(4)	C(5)	C(8)	156.77	C(3)	C(5)	C(8)	151.3(1)
H(4)	C(5)	C(2)	82.57	C(3)	C(5)	C(2)	30.68(6)
H(4)	C(5)	H(7)	118.59	C(3)	C(5)	H(7)	170.48
H(4)	C(5)	H(9)	165.92	C(3)	C(5)	H(9)	114.04
H(6)	C(5)	C(7)	52.35	C(1)	C(5)	C(8)	91.24(8)
H(6)	C(5)	C(9)	111.70	C(1)	C(5)	C(2)	29.44(6)
H(6)	C(5)	C(3)	126.19	C(1)	C(5)	H(7)	129.39
H(6)	C(5)	C(1)	173.60	C(1)	C(5)	H(9)	53.95
H(6)	C(5)	C(8)	82.47	C(8)	C(5)	C(2)	120.66(9)
H(6)	C(5)	C(2)	156.86	C(8)	C(5)	H(7)	38.18
H(6)	C(5)	H(7)	44.29	C(8)	C(5)	H(9)	37.30
H(6)	C(5)	H(9)	119.77	C(2)	C(5)	H(7)	158.83
C(7)	C(5)	C(9)	59.35(8)	C(2)	C(5)	H(9)	83.36
C(7)	C(5)	C(3)	178.5(1)	H(7)	C(5)	H(9)	75.48
C(7)	C(5)	C(1)	121.34(9)	H(6)	C(6)	C(7)	119.68
C(7)	C(5)	C(8)	30.13(7)	H(6)	C(6)	C(5)	119.03
C(7)	C(5)	C(2)	150.78(9)	H(6)	C(6)	H(7)	96.01
C(7)	C(5)	H(7)	8.06	H(6)	C(6)	C(8)	150.13
C(7)	C(5)	H(9)	67.43	H(6)	C(6)	C(10)	149.41
C(9)	C(5)	C(3)	122.1(1)	H(6)	C(6)	C(4)	90.07
C(9)	C(5)	C(1)	62.02(8)	H(6)	C(6)	H(4)	69.08

C (9)	C (5)	C (8)	29.22 (7)	H (6)	C (6)	C (9)	179.42
H (6)	C (6)	H (8)	141.87	C (8)	C (6)	C (10)	60.45 (8)
H (6)	C (6)	C (10)	86.17	C (8)	C (6)	C (4)	119.8 (1)
C (7)	C (6)	C (5)	121.3 (2)	C (8)	C (6)	H (4)	140.77
C (7)	C (6)	H (7)	23.68	C (8)	C (6)	C (9)	29.54 (7)
C (7)	C (6)	C (8)	30.5 (1)	C (8)	C (6)	H (8)	8.27
C (7)	C (6)	C (10)	90.9 (1)	C (8)	C (6)	C (10)	91.89 (7)
C (7)	C (6)	C (4)	150.3 (2)	C (10)	C (6)	C (4)	59.35 (7)
C (7)	C (6)	H (4)	171.23	C (10)	C (6)	H (4)	80.33
C (7)	C (6)	C (9)	60.0 (1)	C (10)	C (6)	C (9)	30.91 (6)
C (7)	C (6)	H (8)	22.20	C (10)	C (6)	H (8)	68.72
C (7)	C (6)	C (10)	88.3 (1)	C (10)	C (6)	C (10)	95.48 (7)
C (5)	C (6)	H (7)	144.96	C (4)	C (6)	H (4)	20.98
C (5)	C (6)	C (8)	90.8 (1)	C (4)	C (6)	C (9)	90.25 (9)
C (5)	C (6)	C (10)	30.38 (9)	C (4)	C (6)	H (8)	128.06
C (5)	C (6)	C (4)	28.97 (9)	C (4)	C (6)	C (10)	94.42 (8)
C (5)	C (6)	H (4)	49.95	H (4)	C (6)	C (9)	111.23
C (5)	C (6)	C (9)	61.3 (1)	H (4)	C (6)	H (8)	149.03
C (5)	C (6)	H (8)	99.09	H (4)	C (6)	C (10)	92.75
C (5)	C (6)	C (10)	96.0 (1)	C (9)	C (6)	H (8)	37.81
H (7)	C (6)	C (8)	54.15	C (9)	C (6)	C (10)	94.30 (6)
H (7)	C (6)	C (10)	114.58	H (8)	C (6)	C (10)	91.16
H (7)	C (6)	C (4)	173.92	H (7)	C (7)	C (6)	120.74
H (7)	C (6)	H (4)	165.09	H (7)	C (7)	C (8)	119.06
H (7)	C (6)	C (9)	83.68	H (7)	C (7)	H (6)	96.68
H (7)	C (6)	H (8)	45.88	H (7)	C (7)	H (8)	96.00
H (7)	C (6)	C (10)	85.73	H (7)	C (7)	C (9)	148.58
H (7)	C (7)	C (5)	150.75	H (6)	C (7)	C (9)	114.73
H (7)	C (7)	C (10)	178.38	H (6)	C (7)	C (5)	54.08
H (7)	C (7)	H (9)	140.17	H (6)	C (7)	C (10)	84.47
H (7)	C (7)	C (27)	66.27	H (6)	C (7)	H (9)	123.14
H (7)	C (7)	C (32)	58.45	H (6)	C (7)	C (27)	93.77
H (7)	C (7)	C (26)	54.86	H (6)	C (7)	C (32)	115.74
C (6)	C (7)	C (8)	120.2 (2)	H (6)	C (7)	C (26)	76.00
C (6)	C (7)	H (6)	24.06	H (8)	C (7)	C (9)	52.60
C (6)	C (7)	H (8)	143.26	H (8)	C (7)	C (5)	113.25
C (6)	C (7)	C (9)	90.7 (1)	H (8)	C (7)	C (10)	82.87
C (6)	C (7)	C (5)	30.0 (1)	H (8)	C (7)	H (9)	44.18
C (6)	C (7)	C (10)	60.4 (1)	H (8)	C (7)	C (27)	90.56
C (6)	C (7)	H (9)	99.09	H (8)	C (7)	C (32)	70.72
C (6)	C (7)	C (27)	103.3 (1)	H (8)	C (7)	C (26)	111.01
C (6)	C (7)	C (32)	126.7 (1)	C (9)	C (7)	C (5)	60.65 (8)
C (6)	C (7)	C (26)	91.9 (1)	C (9)	C (7)	C (10)	30.27 (6)
C (8)	C (7)	H (6)	144.25	C (9)	C (7)	H (9)	8.42
C (8)	C (7)	H (8)	23.07	C (9)	C (7)	C (27)	110.01 (9)
C (8)	C (7)	C (9)	29.5 (1)	C (9)	C (7)	C (32)	104.94 (9)
C (8)	C (7)	C (5)	90.2 (1)	C (9)	C (7)	C (26)	131.33 (9)
C (8)	C (7)	C (10)	59.8 (1)	C (5)	C (7)	C (10)	30.39 (6)
C (8)	C (7)	H (9)	21.11	C (5)	C (7)	H (9)	69.07
C (8)	C (7)	C (27)	100.0 (1)	C (5)	C (7)	C (27)	111.82 (8)
C (8)	C (7)	C (32)	85.5 (1)	C (5)	C (7)	C (32)	130.50 (8)
C (8)	C (7)	C (26)	123.1 (1)	C (5)	C (7)	C (26)	111.07 (7)
H (6)	C (7)	H (8)	167.29	C (10)	C (7)	H (9)	38.69
C (10)	C (7)	C (27)	114.85 (8)	C (9)	C (8)	C (4)	95.5 (1)
C (10)	C (7)	C (32)	122.05 (9)	C (9)	C (8)	H (4)	87.52
C (10)	C (7)	C (26)	126.64 (7)	C (7)	C (8)	H (9)	144.20
H (9)	C (7)	C (27)	107.48	C (7)	C (8)	H (7)	23.77
H (9)	C (7)	C (32)	99.44	C (7)	C (8)	C (6)	29.3 (1)
H (9)	C (7)	C (26)	130.10	C (7)	C (8)	C (10)	90.4 (1)
C (27)	C (7)	C (32)	23.40 (4)	C (7)	C (8)	C (5)	59.7 (1)
C (27)	C (7)	C (26)	23.38 (5)	C (7)	C (8)	H (6)	21.08
C (32)	C (7)	C (26)	40.30 (5)	C (7)	C (8)	C (4)	85.8 (1)
H (8)	C (8)	C (9)	119.29	C (7)	C (8)	H (4)	101.00

H(8)	C(8)	C(7)	120.68	H(9)	C(8)	H(7)	167.96
H(8)	C(8)	H(9)	95.12	H(9)	C(8)	C(6)	114.86
H(8)	C(8)	H(7)	96.91	H(9)	C(8)	C(10)	53.78
H(8)	C(8)	C(6)	150.02	H(9)	C(8)	C(5)	84.51
H(8)	C(8)	C(10)	148.90	H(9)	C(8)	H(6)	123.13
H(8)	C(8)	C(5)	179.38	H(9)	C(8)	C(4)	95.81
H(8)	C(8)	H(6)	141.75	H(9)	C(8)	H(4)	83.25
H(8)	C(8)	C(4)	88.39	H(7)	C(8)	C(6)	53.12
H(8)	C(8)	H(4)	81.02	H(7)	C(8)	C(10)	114.19
C(9)	C(8)	C(7)	120.0(2)	H(7)	C(8)	C(5)	83.47
C(9)	C(8)	H(9)	24.18	H(7)	C(8)	H(6)	44.85
C(9)	C(8)	H(7)	143.78	H(7)	C(8)	C(4)	83.95
C(9)	C(8)	C(6)	90.7(1)	H(7)	C(8)	H(4)	98.03
C(9)	C(8)	C(10)	29.6(1)	C(6)	C(8)	C(10)	61.08(8)
C(9)	C(8)	C(5)	60.3(1)	C(6)	C(8)	C(5)	30.35(7)
C(9)	C(8)	H(6)	98.96	C(6)	C(8)	H(6)	8.27
C(6)	C(8)	C(4)	88.91(8)	C(8)	C(9)	C(10)	122.1(2)
C(6)	C(8)	H(4)	101.97	C(8)	C(9)	H(8)	24.02
C(10)	C(8)	C(5)	30.73(6)	C(8)	C(9)	C(7)	30.4(1)
C(10)	C(8)	H(6)	69.35	C(8)	C(9)	C(5)	90.4(1)
C(10)	C(8)	C(4)	94.14(8)	C(8)	C(9)	C(1)	150.4(1)
C(10)	C(8)	H(4)	93.58	C(8)	C(9)	H(11A)	161.86
C(5)	C(8)	H(6)	38.62	C(8)	C(9)	C(6)	59.8(1)
C(5)	C(8)	C(4)	92.14(7)	C(8)	C(9)	C(11)	177.7(1)
C(5)	C(8)	H(4)	99.42	C(8)	C(9)	H(15)	126.85
H(6)	C(8)	C(4)	88.28	C(8)	C(9)	H(29)	118.05
H(6)	C(8)	H(4)	102.33	C(8)	C(9)	H(7)	21.77
C(4)	C(8)	H(4)	15.21	C(8)	C(9)	C(14)	152.4(1)
H(9)	C(9)	C(8)	119.06	C(8)	C(9)	C(15)	133.4(1)
H(9)	C(9)	C(10)	118.79	C(10)	C(9)	H(8)	146.16
H(9)	C(9)	H(8)	95.05	C(10)	C(9)	C(7)	91.7(1)
H(9)	C(9)	C(7)	149.51	C(10)	C(9)	C(5)	31.7(1)
H(9)	C(9)	C(5)	150.47	C(10)	C(9)	C(1)	28.28(9)
H(9)	C(9)	C(1)	90.52	C(10)	C(9)	H(11A)	73.28
H(9)	C(9)	H(11A)	46.49	C(10)	C(9)	C(6)	62.4(1)
H(9)	C(9)	C(6)	178.58	C(10)	C(9)	C(11)	58.7(1)
H(9)	C(9)	C(11)	60.17	C(10)	C(9)	H(15)	105.68
H(9)	C(9)	H(15)	26.43	C(10)	C(9)	H(29)	86.75
H(9)	C(9)	H(29)	64.09	C(10)	C(9)	H(7)	100.37
H(9)	C(9)	H(7)	140.84	C(10)	C(9)	C(14)	71.2(1)
H(9)	C(9)	C(14)	54.48	C(10)	C(9)	C(15)	93.1(1)
H(9)	C(9)	C(15)	40.27	H(8)	C(9)	C(7)	54.46
H(8)	C(9)	C(5)	114.46	C(5)	C(9)	H(7)	68.68
H(8)	C(9)	C(1)	174.41	C(5)	C(9)	C(14)	100.08(8)
H(8)	C(9)	H(11A)	139.76	C(5)	C(9)	C(15)	119.82(9)
H(8)	C(9)	C(6)	83.79	C(1)	C(9)	H(11A)	45.75
H(8)	C(9)	C(11)	155.07	C(1)	C(9)	C(6)	90.64(8)
H(8)	C(9)	H(15)	105.33	C(1)	C(9)	C(11)	30.44(6)
H(8)	C(9)	H(29)	109.69	C(1)	C(9)	H(15)	79.55
H(8)	C(9)	H(7)	45.79	C(1)	C(9)	H(29)	73.22
H(8)	C(9)	C(14)	137.50	C(1)	C(9)	H(7)	128.64
H(8)	C(9)	C(15)	115.19	C(1)	C(9)	C(14)	46.61(5)
C(7)	C(9)	C(5)	60.00(8)	C(1)	C(9)	C(15)	69.07(6)
C(7)	C(9)	C(1)	120.0(1)	H(11A)	C(9)	C(6)	134.44
C(7)	C(9)	H(11A)	161.87	H(11A)	C(9)	C(11)	18.83
C(7)	C(9)	C(6)	29.33(7)	H(11A)	C(9)	H(15)	47.16
C(7)	C(9)	C(11)	150.3(1)	H(11A)	C(9)	H(29)	49.08
C(7)	C(9)	H(15)	150.25	H(11A)	C(9)	H(7)	168.41
C(7)	C(9)	H(29)	121.63	H(11A)	C(9)	C(14)	35.62
C(7)	C(9)	H(7)	8.68	H(11A)	C(9)	C(15)	46.47
C(7)	C(9)	C(14)	148.46(9)	C(6)	C(9)	C(11)	121.03(8)
C(7)	C(9)	C(15)	147.43(9)	C(6)	C(9)	H(15)	154.79
C(5)	C(9)	C(1)	59.98(7)	C(6)	C(9)	H(29)	115.52

C(5)	C(9)	H(11A)	104.37	C(6)	C(9)	H(7)	38.01
C(5)	C(9)	C(6)	30.67(7)	C(6)	C(9)	C(14)	126.94(8)
C(5)	C(9)	C(11)	90.40(8)	C(6)	C(9)	C(15)	141.05(8)
C(5)	C(9)	H(15)	134.07	C(11)	C(9)	H(15)	51.36
C(5)	C(9)	H(29)	102.45	C(11)	C(9)	H(29)	63.87
C(11)	C(9)	H(7)	158.88	C(9)	C(10)	H(6)	95.02
C(11)	C(9)	C(14)	25.24(4)	C(9)	C(10)	H(11B)	103.37
C(11)	C(9)	C(15)	44.39(5)	C(9)	C(10)	C(14)	85.0(1)
H(15)	C(9)	H(29)	84.01	C(9)	C(10)	H(29)	68.89
H(15)	C(9)	H(7)	144.22	C(9)	C(10)	C(6)	88.9(1)
H(15)	C(9)	C(14)	34.53	C(9)	C(10)	H(6)	81.96
H(15)	C(9)	C(15)	14.69	C(5)	C(10)	C(1)	119.5(2)
H(29)	C(9)	H(7)	121.98	C(5)	C(10)	H(9)	140.29
H(29)	C(9)	C(14)	84.69	C(5)	C(10)	C(2)	89.4(1)
H(29)	C(9)	C(15)	90.81	C(5)	C(10)	C(4)	30.7(1)
H(7)	C(9)	C(14)	152.21	C(5)	C(10)	C(8)	88.5(1)
H(7)	C(9)	C(15)	144.87	C(5)	C(10)	C(6)	30.0(1)
C(14)	C(9)	C(15)	22.48(4)	C(5)	C(10)	C(11)	150.1(1)
C(9)	C(10)	C(5)	116.7(2)	C(5)	C(10)	H(11A)	162.89
C(9)	C(10)	C(1)	123.8(2)	C(5)	C(10)	C(7)	58.7(1)
C(9)	C(10)	H(9)	23.59	C(5)	C(10)	C(3)	59.4(1)
C(9)	C(10)	C(2)	153.9(1)	C(5)	C(10)	H(8)	96.90
C(9)	C(10)	C(4)	147.4(1)	C(5)	C(10)	H(4)	22.19
C(9)	C(10)	C(8)	28.3(1)	C(5)	C(10)	H(6)	21.70
C(9)	C(10)	C(6)	86.7(1)	C(5)	C(10)	H(11B)	139.62
C(9)	C(10)	C(11)	93.2(1)	C(5)	C(10)	C(14)	147.2(1)
C(9)	C(10)	H(11A)	76.43	C(5)	C(10)	H(29)	125.52
C(9)	C(10)	C(7)	58.0(1)	C(5)	C(10)	C(6)	86.5(1)
C(9)	C(10)	C(3)	175.9(1)	C(5)	C(10)	H(6)	101.74
C(9)	C(10)	H(8)	19.82	C(1)	C(10)	H(9)	100.25
C(9)	C(10)	H(4)	138.90	C(1)	C(10)	C(2)	30.06(9)
C(1)	C(10)	C(4)	88.8(1)	H(9)	C(10)	H(11B)	79.81
C(1)	C(10)	C(8)	152.1(1)	H(9)	C(10)	C(14)	64.36
C(1)	C(10)	C(6)	149.4(1)	H(9)	C(10)	H(29)	58.12
C(1)	C(10)	C(11)	30.66(9)	H(9)	C(10)	C(6)	91.53
C(1)	C(10)	H(11A)	48.67	H(9)	C(10)	H(6)	79.72
C(1)	C(10)	C(7)	177.9(1)	C(2)	C(10)	C(4)	58.74(7)
C(1)	C(10)	C(3)	60.1(1)	C(2)	C(10)	C(8)	177.78(9)
C(1)	C(10)	H(8)	143.65	C(2)	C(10)	C(6)	119.41(9)
C(1)	C(10)	H(4)	97.26	C(2)	C(10)	C(11)	60.72(7)
C(1)	C(10)	H(6)	141.14	C(2)	C(10)	H(11A)	77.73
C(1)	C(10)	H(11B)	20.96	C(2)	C(10)	C(7)	148.10(9)
C(1)	C(10)	C(14)	45.82(8)	C(2)	C(10)	C(3)	30.03(6)
C(1)	C(10)	H(29)	79.01	C(2)	C(10)	H(8)	173.64
C(1)	C(10)	C(6)	94.5(1)	C(2)	C(10)	H(4)	67.22
C(1)	C(10)	H(6)	87.07	C(2)	C(10)	H(6)	111.11
H(9)	C(10)	C(2)	130.26	C(2)	C(10)	H(11B)	50.51
H(9)	C(10)	C(4)	170.88	C(2)	C(10)	C(14)	72.02(7)
H(9)	C(10)	C(8)	51.85	C(2)	C(10)	H(29)	95.73
H(9)	C(10)	C(6)	110.31	C(2)	C(10)	C(6)	94.16(7)
H(9)	C(10)	C(11)	69.66	C(2)	C(10)	H(6)	94.40
H(9)	C(10)	H(11A)	53.25	C(4)	C(10)	C(8)	119.1(1)
H(9)	C(10)	C(7)	81.63	C(4)	C(10)	C(6)	60.67(8)
H(9)	C(10)	C(3)	160.23	C(4)	C(10)	C(11)	119.41(9)
H(9)	C(10)	H(8)	43.41	C(4)	C(10)	H(11A)	135.16
H(9)	C(10)	H(4)	162.46	C(4)	C(10)	C(7)	89.36(8)
H(9)	C(10)	H(6)	118.61	C(4)	C(10)	C(3)	28.72(6)
C(4)	C(10)	H(8)	127.57	C(6)	C(10)	H(4)	52.19
C(4)	C(10)	H(4)	8.48	C(6)	C(10)	H(6)	8.30
C(4)	C(10)	H(6)	52.37	C(6)	C(10)	H(11B)	169.10
C(4)	C(10)	H(11B)	109.08	C(6)	C(10)	C(14)	152.17(8)
C(4)	C(10)	C(14)	124.07(8)	C(6)	C(10)	H(29)	117.44
C(4)	C(10)	H(29)	123.35	C(6)	C(10)	C(6)	84.52(7)

C(4)	C(10)	C(6)	88.96(7)	C(6)	C(10)	H(6)	97.66
C(4)	C(10)	H(6)	102.16	C(11)	C(10)	H(11A)	21.23
C(8)	C(10)	C(6)	58.47(8)	C(11)	C(10)	C(7)	151.13(9)
C(8)	C(10)	C(11)	121.43(9)	C(11)	C(10)	C(3)	90.73(8)
C(8)	C(10)	H(11A)	104.23	C(11)	C(10)	H(8)	113.00
C(8)	C(10)	C(7)	29.78(7)	C(11)	C(10)	H(4)	127.88
C(8)	C(10)	C(3)	147.8(1)	C(11)	C(10)	H(6)	171.48
C(8)	C(10)	H(8)	8.44	C(11)	C(10)	H(11B)	12.02
C(8)	C(10)	H(4)	110.65	C(11)	C(10)	C(14)	25.60(5)
C(8)	C(10)	H(6)	66.77	C(11)	C(10)	H(29)	64.63
C(8)	C(10)	H(11B)	131.54	C(11)	C(10)	C(6)	93.16(7)
C(8)	C(10)	C(14)	110.16(7)	C(11)	C(10)	H(6)	80.03
C(8)	C(10)	H(29)	84.99	H(11A)	C(10)	C(7)	133.41
C(8)	C(10)	C(6)	86.34(7)	H(11A)	C(10)	C(3)	107.15
C(8)	C(10)	H(6)	86.66	H(11A)	C(10)	H(8)	95.93
C(6)	C(10)	C(11)	177.68(9)	H(11A)	C(10)	H(4)	143.29
C(6)	C(10)	H(11A)	160.04	H(11A)	C(10)	H(6)	166.25
C(6)	C(10)	C(7)	28.69(6)	H(11A)	C(10)	H(11B)	27.72
C(6)	C(10)	C(3)	89.39(8)	H(11A)	C(10)	C(14)	37.85
C(6)	C(10)	H(8)	66.91	H(11A)	C(10)	H(29)	46.35
H(11A)	C(10)	C(6)	105.48	H(4)	C(10)	H(6)	43.89
H(11A)	C(10)	H(6)	90.59	H(4)	C(10)	H(11B)	117.54
C(7)	C(10)	C(3)	118.08(8)	H(4)	C(10)	C(14)	131.07
C(7)	C(10)	H(8)	38.22	H(4)	C(10)	H(29)	125.20
C(7)	C(10)	H(4)	80.88	H(4)	C(10)	C(6)	88.11
C(7)	C(10)	H(6)	36.99	H(4)	C(10)	H(6)	102.30
C(7)	C(10)	H(11B)	161.09	H(6)	C(10)	H(11B)	161.12
C(7)	C(10)	C(14)	134.98(7)	H(6)	C(10)	C(14)	153.62
C(7)	C(10)	H(29)	102.93	H(6)	C(10)	H(29)	120.66
C(7)	C(10)	C(6)	84.42(7)	H(6)	C(10)	C(6)	84.83
C(7)	C(10)	H(6)	92.25	H(6)	C(10)	H(6)	98.95
C(3)	C(10)	H(8)	156.27	H(11B)	C(10)	C(14)	35.65
C(3)	C(10)	H(4)	37.20	H(11B)	C(10)	H(29)	63.82
C(3)	C(10)	H(6)	81.09	H(11B)	C(10)	C(6)	99.61
C(3)	C(10)	H(11B)	80.42	H(11B)	C(10)	H(6)	87.97
C(3)	C(10)	C(14)	98.98(7)	C(14)	C(10)	H(29)	84.02
C(3)	C(10)	H(29)	112.01	C(14)	C(10)	C(6)	68.80(5)
C(3)	C(10)	C(6)	91.96(7)	C(14)	C(10)	H(6)	54.86
C(3)	C(10)	H(6)	99.81	H(29)	C(10)	C(6)	146.47
H(8)	C(10)	H(4)	119.09	H(29)	C(10)	H(6)	131.60
H(8)	C(10)	H(6)	75.21	C(6)	C(10)	H(6)	15.27
H(8)	C(10)	H(11B)	123.13	H(11B)	C(11)	H(11A)	107.21
H(8)	C(10)	C(14)	102.71	H(11B)	C(11)	C(14)	108.99
H(8)	C(10)	H(29)	79.98	H(11B)	C(11)	C(1)	108.26
H(8)	C(10)	C(6)	87.03	H(11B)	C(11)	H(1)	50.64
H(8)	C(10)	H(6)	85.11	H(11B)	C(11)	C(15)	125.34
H(11B)	C(11)	C(2)	82.50	C(14)	C(11)	C(15)	27.6(1)
H(11B)	C(11)	C(13)	88.96	C(14)	C(11)	C(2)	116.2(1)
H(11B)	C(11)	C(10)	134.28	C(14)	C(11)	C(13)	28.27(9)
H(11B)	C(11)	H(15)	132.99	C(14)	C(11)	C(10)	106.9(1)
H(11B)	C(11)	H(9)	156.31	C(14)	C(11)	H(15)	48.20
H(11B)	C(11)	O(2)	67.53	C(14)	C(11)	H(9)	90.11
H(11B)	C(11)	O(1)	55.32	C(14)	C(11)	O(2)	57.4(1)
H(11B)	C(11)	C(9)	154.42	C(14)	C(11)	O(1)	112.0(1)
H(11B)	C(11)	H(29)	98.90	C(14)	C(11)	C(9)	96.5(1)
H(11B)	C(11)	C(29)	83.48	C(14)	C(11)	H(29)	138.52
H(11A)	C(11)	C(14)	109.27	C(14)	C(11)	C(29)	146.8(1)
H(11A)	C(11)	C(1)	108.06	C(1)	C(11)	H(1)	74.95
H(11A)	C(11)	H(1)	155.41	C(1)	C(11)	C(15)	119.6(1)
H(11A)	C(11)	C(15)	82.46	C(1)	C(11)	C(2)	27.71(9)
H(11A)	C(11)	C(2)	127.20	C(1)	C(11)	C(13)	104.7(1)
H(11A)	C(11)	C(13)	136.09	C(1)	C(11)	C(10)	28.69(9)
H(11A)	C(11)	C(10)	86.28	C(1)	C(11)	H(15)	118.61

H(11A)	C(11)	H(15)	62.51	C(1)	C(11)	H(9)	74.29
H(11A)	C(11)	H(9)	51.55	C(1)	C(11)	O(2)	92.3(1)
H(11A)	C(11)	O(2)	159.42	C(1)	C(11)	O(1)	56.69(9)
H(11A)	C(11)	O(1)	138.53	C(1)	C(11)	C(9)	56.8(1)
H(11A)	C(11)	C(9)	64.54	C(1)	C(11)	H(29)	83.14
H(11A)	C(11)	H(29)	30.98	C(1)	C(11)	C(29)	88.5(1)
H(11A)	C(11)	C(29)	38.10	H(1)	C(11)	C(15)	117.98
C(14)	C(11)	C(1)	114.8(2)	H(1)	C(11)	C(2)	48.62
C(14)	C(11)	H(1)	90.35	H(1)	C(11)	C(13)	62.09
H(1)	C(11)	C(10)	102.45	C(2)	C(11)	C(29)	95.58(7)
H(1)	C(11)	H(15)	138.55	C(13)	C(11)	C(10)	111.46(9)
H(1)	C(11)	H(9)	146.25	C(13)	C(11)	H(15)	76.46
H(1)	C(11)	O(2)	33.02	C(13)	C(11)	H(9)	113.55
H(1)	C(11)	O(1)	24.32	C(13)	C(11)	O(2)	29.17(5)
H(1)	C(11)	C(9)	129.48	C(13)	C(11)	O(1)	84.34(8)
H(1)	C(11)	H(29)	131.08	C(13)	C(11)	C(9)	114.02(9)
H(1)	C(11)	C(29)	119.66	C(13)	C(11)	H(29)	166.66
C(15)	C(11)	C(2)	134.3(1)	C(13)	C(11)	C(29)	166.4(1)
C(15)	C(11)	C(13)	55.89(7)	C(10)	C(11)	H(15)	92.29
C(15)	C(11)	C(10)	99.23(9)	C(10)	C(11)	H(9)	45.65
C(15)	C(11)	H(15)	20.58	C(10)	C(11)	O(2)	111.89(9)
C(15)	C(11)	H(9)	67.56	C(10)	C(11)	O(1)	85.37(7)
C(15)	C(11)	O(2)	85.02(7)	C(10)	C(11)	C(9)	28.08(5)
C(15)	C(11)	O(1)	139.00(9)	C(10)	C(11)	H(29)	70.42
C(15)	C(11)	C(9)	78.96(8)	C(10)	C(11)	C(29)	81.79(7)
C(15)	C(11)	H(29)	110.90	H(15)	C(11)	H(9)	52.15
C(15)	C(11)	C(29)	120.55(9)	H(15)	C(11)	O(2)	105.57
C(2)	C(11)	C(13)	94.65(9)	H(15)	C(11)	O(1)	158.33
C(2)	C(11)	C(10)	56.39(7)	H(15)	C(11)	C(9)	66.92
C(2)	C(11)	H(15)	142.19	H(15)	C(11)	H(29)	90.33
C(2)	C(11)	H(9)	101.98	H(15)	C(11)	C(29)	100.53
C(2)	C(11)	O(2)	72.84(7)	H(9)	C(11)	O(2)	136.12
C(2)	C(11)	O(1)	29.00(5)	H(9)	C(11)	O(1)	130.86
C(2)	C(11)	C(9)	84.46(8)	H(9)	C(11)	C(9)	17.59
C(2)	C(11)	H(29)	97.05	H(9)	C(11)	H(29)	57.59
H(9)	C(11)	C(29)	72.98	C(13)	C(12)	H(6)	74.41
O(2)	C(11)	O(1)	56.17(5)	C(13)	C(12)	C(24)	88.0(1)
O(2)	C(11)	C(9)	128.62(9)	C(13)	C(12)	C(14)	83.7(1)
O(2)	C(11)	H(29)	163.64	C(21)	C(12)	C(22)	121.8(1)
O(2)	C(11)	C(29)	149.70(8)	C(21)	C(12)	H(22A)	138.36
O(1)	C(11)	C(9)	113.41(7)	C(21)	C(12)	H(22B)	96.66
O(1)	C(11)	H(29)	109.00	C(21)	C(12)	O(2)	148.5(1)
O(1)	C(11)	C(29)	100.45(6)	C(21)	C(12)	C(16)	30.57(9)
C(9)	C(11)	H(29)	61.01	C(21)	C(12)	C(14)	90.3(1)
C(9)	C(11)	C(29)	75.99(7)	C(21)	C(12)	C(25)	123.4(1)
H(29)	C(11)	C(29)	15.44	C(21)	C(12)	C(20)	27.7(1)
C(13)	C(12)	C(21)	118.7(2)	C(21)	C(12)	H(2)	172.16
C(13)	C(12)	C(22)	119.5(2)	C(21)	C(12)	H(20)	48.05
C(13)	C(12)	H(22A)	99.13	C(21)	C(12)	C(15)	61.0(1)
C(13)	C(12)	H(22B)	143.94	C(21)	C(12)	H(26)	83.64
C(13)	C(12)	O(2)	29.9(1)	C(21)	C(12)	C(26)	100.2(1)
C(13)	C(12)	C(16)	88.1(1)	C(21)	C(12)	H(11B)	62.69
C(13)	C(12)	C(14)	28.3(1)	C(21)	C(12)	H(6)	77.84
C(13)	C(12)	C(25)	106.5(1)	C(21)	C(12)	C(24)	141.8(1)
C(13)	C(12)	C(20)	146.3(2)	C(21)	C(12)	C(14)	89.1(1)
C(13)	C(12)	H(2)	53.51	C(22)	C(12)	H(22A)	27.01
C(13)	C(12)	H(20)	166.70	C(22)	C(12)	H(22B)	26.34
C(13)	C(12)	C(15)	57.7(1)	C(22)	C(12)	O(2)	89.7(1)
C(13)	C(12)	H(26)	130.47	C(22)	C(12)	C(16)	152.4(1)
C(13)	C(12)	C(26)	117.3(1)	C(22)	C(12)	C(14)	147.8(1)
C(13)	C(12)	H(11B)	115.31	C(22)	C(12)	C(25)	34.2(1)
C(22)	C(12)	C(20)	94.2(1)	H(22B)	C(12)	C(16)	126.88
C(22)	C(12)	H(2)	66.02	H(22B)	C(12)	C(14)	170.47

C(22)	C(12)	H(20)	73.78	H(22B)	C(12)	C(25)	52.66
C(22)	C(12)	C(15)	177.0(1)	H(22B)	C(12)	C(20)	69.10
C(22)	C(12)	H(26)	58.16	H(22B)	C(12)	H(2)	91.06
C(22)	C(12)	C(26)	51.0(1)	H(22B)	C(12)	H(20)	48.98
C(22)	C(12)	H(11B)	92.96	H(22B)	C(12)	C(15)	156.65
C(22)	C(12)	H(6)	117.26	H(22B)	C(12)	H(26)	55.83
C(22)	C(12)	C(24)	41.26(9)	H(22B)	C(12)	C(26)	57.88
C(22)	C(12)	C(14)	97.6(1)	H(22B)	C(12)	H(11B)	73.09
H(22A)	C(12)	H(22B)	45.02	H(22B)	C(12)	H(6)	123.63
H(22A)	C(12)	O(2)	70.24	H(22B)	C(12)	C(24)	65.61
H(22A)	C(12)	C(16)	160.43	H(22B)	C(12)	C(14)	90.20
H(22A)	C(12)	C(14)	126.18	O(2)	C(12)	C(16)	117.92(9)
H(22A)	C(12)	C(25)	52.46	O(2)	C(12)	C(14)	58.23(7)
H(22A)	C(12)	C(20)	112.52	O(2)	C(12)	C(25)	82.67(8)
H(22A)	C(12)	H(2)	48.56	O(2)	C(12)	C(20)	175.4(1)
H(22A)	C(12)	H(20)	93.31	O(2)	C(12)	H(2)	23.70
H(22A)	C(12)	C(15)	151.68	O(2)	C(12)	H(20)	163.28
H(22A)	C(12)	H(26)	84.56	O(2)	C(12)	C(15)	87.56(7)
H(22A)	C(12)	C(26)	74.71	O(2)	C(12)	H(26)	118.03
H(22A)	C(12)	H(11B)	86.60	O(2)	C(12)	C(26)	101.18(8)
H(22A)	C(12)	H(6)	132.56	O(2)	C(12)	H(11B)	119.34
H(22A)	C(12)	C(24)	47.93	O(2)	C(12)	H(6)	89.13
H(22A)	C(12)	C(14)	77.59	O(2)	C(12)	C(24)	63.09(6)
H(22B)	C(12)	O(2)	114.31	O(2)	C(12)	C(14)	85.14(7)
C(16)	C(12)	C(14)	59.78(8)	C(25)	C(12)	C(15)	143.98(9)
C(16)	C(12)	C(25)	142.5(1)	C(25)	C(12)	H(26)	40.09
C(16)	C(12)	C(20)	58.24(8)	C(25)	C(12)	C(26)	24.71(6)
C(16)	C(12)	H(2)	141.60	C(25)	C(12)	H(11B)	125.44
C(16)	C(12)	H(20)	78.62	C(25)	C(12)	H(6)	83.69
C(16)	C(12)	C(15)	30.40(6)	C(25)	C(12)	C(24)	19.59(5)
C(16)	C(12)	H(26)	104.61	C(25)	C(12)	C(14)	129.81(9)
C(16)	C(12)	C(26)	118.1(1)	C(20)	C(12)	H(2)	160.12
C(16)	C(12)	H(11B)	73.89	C(20)	C(12)	H(20)	20.38
C(16)	C(12)	H(6)	66.87	C(20)	C(12)	C(15)	88.64(9)
C(16)	C(12)	C(24)	151.2(1)	C(20)	C(12)	H(26)	66.33
C(16)	C(12)	C(14)	85.22(8)	C(20)	C(12)	C(26)	83.25(8)
C(14)	C(12)	C(25)	127.66(9)	C(20)	C(12)	H(11B)	57.97
C(14)	C(12)	C(20)	118.0(1)	C(20)	C(12)	H(6)	91.37
C(14)	C(12)	H(2)	81.84	C(20)	C(12)	C(24)	121.53(9)
C(14)	C(12)	H(20)	138.39	C(20)	C(12)	C(14)	91.82(8)
C(14)	C(12)	C(15)	29.38(6)	H(2)	C(12)	H(20)	139.77
C(14)	C(12)	H(26)	131.82	H(2)	C(12)	C(15)	111.21
C(14)	C(12)	C(26)	127.24(9)	H(2)	C(12)	H(26)	101.92
C(14)	C(12)	H(11B)	104.73	H(2)	C(12)	C(26)	84.99
C(14)	C(12)	H(6)	64.17	H(2)	C(12)	H(11B)	118.80
C(14)	C(12)	C(24)	112.14(7)	H(2)	C(12)	H(6)	99.00
C(14)	C(12)	C(14)	83.41(8)	H(2)	C(12)	C(24)	43.72
C(25)	C(12)	C(20)	101.95(9)	H(2)	C(12)	C(14)	89.48
C(25)	C(12)	H(2)	62.79	H(20)	C(12)	C(15)	109.01
C(25)	C(12)	H(20)	84.85	H(20)	C(12)	H(26)	55.19
H(20)	C(12)	C(26)	70.53	O(2)	C(13)	C(12)	119.8(2)
H(20)	C(12)	H(11B)	60.51	O(2)	C(13)	C(14)	116.3(1)
H(20)	C(12)	H(6)	100.53	O(2)	C(13)	H(2)	24.46
H(20)	C(12)	C(24)	103.94	O(2)	C(13)	C(15)	147.3(1)
H(20)	C(12)	C(14)	94.42	O(2)	C(13)	C(21)	151.0(1)
C(15)	C(12)	H(26)	122.31	O(2)	C(13)	C(22)	88.1(1)
C(15)	C(12)	C(26)	128.50(9)	O(2)	C(13)	C(11)	85.8(1)
C(15)	C(12)	H(11B)	89.45	O(2)	C(13)	H(1)	27.99
C(15)	C(12)	H(6)	61.50	O(2)	C(13)	H(22A)	71.34
C(15)	C(12)	C(24)	135.97(7)	O(2)	C(13)	H(11B)	70.32
C(15)	C(12)	C(14)	83.36(8)	O(2)	C(13)	C(16)	176.4(2)
H(26)	C(12)	C(26)	17.09	O(2)	C(13)	C(25)	79.3(1)
H(26)	C(12)	H(11B)	114.21	O(2)	C(13)	H(15)	139.23

H(26)	C(12)	H(6)	67.84	O(2)	C(13)	H(6)	117.60
H(26)	C(12)	C(24)	58.28	O(2)	C(13)	H(22B)	98.42
H(26)	C(12)	C(14)	143.84	O(2)	C(13)	C(1)	76.22(9)
C(26)	C(12)	H(11B)	126.14	O(2)	C(13)	H(11A)	96.54
C(26)	C(12)	H(6)	67.94	O(2)	C(13)	H(7)	78.14
C(26)	C(12)	C(24)	41.57(5)	C(12)	C(13)	C(14)	123.8(2)
C(26)	C(12)	C(14)	147.38(8)	C(12)	C(13)	H(2)	95.52
H(11B)	C(12)	H(6)	139.34	C(12)	C(13)	C(15)	92.8(1)
H(11B)	C(12)	C(24)	132.78	C(12)	C(13)	C(21)	31.3(1)
H(11B)	C(12)	C(14)	34.47	C(12)	C(13)	C(22)	31.8(1)
H(6)	C(12)	C(24)	84.65	C(12)	C(13)	C(11)	154.4(2)
H(6)	C(12)	C(14)	144.62	C(12)	C(13)	H(1)	147.49
C(24)	C(12)	C(14)	122.60(8)	C(12)	C(13)	H(22A)	49.83
C(12)	C(13)	H(11B)	163.68	H(2)	C(13)	C(21)	126.79
C(12)	C(13)	C(16)	62.1(1)	H(2)	C(13)	C(22)	63.76
C(12)	C(13)	C(25)	49.0(1)	H(2)	C(13)	C(11)	110.06
C(12)	C(13)	H(15)	100.85	H(2)	C(13)	H(1)	52.03
C(12)	C(13)	H(6)	81.44	H(2)	C(13)	H(22A)	48.51
C(12)	C(13)	H(22B)	21.66	H(2)	C(13)	H(11B)	94.61
C(12)	C(13)	C(1)	151.3(1)	H(2)	C(13)	C(16)	157.58
C(12)	C(13)	H(11A)	143.37	H(2)	C(13)	C(25)	56.87
C(12)	C(13)	H(7)	92.38	H(2)	C(13)	H(15)	163.63
C(14)	C(13)	H(2)	140.63	H(2)	C(13)	H(6)	114.60
C(14)	C(13)	C(15)	31.08(9)	H(2)	C(13)	H(22B)	74.36
C(14)	C(13)	C(21)	92.6(1)	H(2)	C(13)	C(1)	96.98
C(14)	C(13)	C(22)	155.5(1)	H(2)	C(13)	H(11A)	120.97
C(14)	C(13)	C(11)	30.57(8)	H(2)	C(13)	H(7)	74.65
C(14)	C(13)	H(1)	88.60	C(15)	C(13)	C(21)	61.51(8)
C(14)	C(13)	H(22A)	165.78	C(15)	C(13)	C(22)	124.53(9)
C(14)	C(13)	H(11B)	47.73	C(15)	C(13)	C(11)	61.65(8)
C(14)	C(13)	C(16)	61.8(1)	C(15)	C(13)	H(1)	119.68
C(14)	C(13)	C(25)	149.6(1)	C(15)	C(13)	H(22A)	139.35
C(14)	C(13)	H(15)	23.02	C(15)	C(13)	H(11B)	77.33
C(14)	C(13)	H(6)	74.04	C(15)	C(13)	C(16)	30.72(6)
C(14)	C(13)	H(22B)	144.95	C(15)	C(13)	C(25)	130.01(9)
C(14)	C(13)	C(1)	47.86(8)	C(15)	C(13)	H(15)	8.08
C(14)	C(13)	H(11A)	20.08	C(15)	C(13)	H(6)	66.58
C(14)	C(13)	H(7)	99.81	C(15)	C(13)	H(22B)	113.91
H(2)	C(13)	C(15)	171.70	C(15)	C(13)	C(1)	75.53(7)
C(15)	C(13)	H(11A)	50.75	C(22)	C(13)	H(7)	83.48
C(15)	C(13)	H(7)	104.96	C(11)	C(13)	H(1)	58.03
C(21)	C(13)	C(22)	63.03(8)	C(11)	C(13)	H(22A)	154.50
C(21)	C(13)	C(11)	123.1(1)	C(11)	C(13)	H(11B)	20.97
C(21)	C(13)	H(1)	178.05	C(11)	C(13)	C(16)	92.37(9)
C(21)	C(13)	H(22A)	79.95	C(11)	C(13)	C(25)	147.49(9)
C(21)	C(13)	H(11B)	136.84	C(11)	C(13)	H(15)	53.58
C(21)	C(13)	C(16)	30.80(7)	C(11)	C(13)	H(6)	86.21
C(21)	C(13)	C(25)	76.04(8)	C(11)	C(13)	H(22B)	174.77
C(21)	C(13)	H(15)	69.58	C(11)	C(13)	C(1)	26.77(6)
C(21)	C(13)	H(6)	70.52	C(11)	C(13)	H(11A)	11.81
C(21)	C(13)	H(22B)	52.59	C(11)	C(13)	H(7)	92.74
C(21)	C(13)	C(1)	130.10(9)	H(1)	C(13)	H(22A)	99.23
C(21)	C(13)	H(11A)	112.16	H(1)	C(13)	H(11B)	44.81
C(21)	C(13)	H(7)	100.08	H(1)	C(13)	C(16)	150.39
C(22)	C(13)	C(11)	173.4(1)	H(1)	C(13)	C(25)	102.19
C(22)	C(13)	H(1)	115.73	H(1)	C(13)	H(15)	111.61
C(22)	C(13)	H(22A)	21.72	H(1)	C(13)	H(6)	108.34
C(22)	C(13)	H(11B)	155.47	H(1)	C(13)	H(22B)	126.34
C(22)	C(13)	C(16)	93.83(8)	H(1)	C(13)	C(1)	50.06
C(22)	C(13)	C(25)	27.71(6)	H(1)	C(13)	H(11A)	69.13
C(22)	C(13)	H(15)	132.61	H(1)	C(13)	H(7)	78.17
C(22)	C(13)	H(6)	94.34	H(22A)	C(13)	H(11B)	133.95
C(22)	C(13)	H(22B)	11.74	H(22A)	C(13)	C(16)	109.80

C(22)	C(13)	C(1)	148.21(9)	H(22A)	C(13)	C(25)	39.92
C(22)	C(13)	H(11A)	174.78	H(22A)	C(13)	H(15)	146.76
H(22A)	C(13)	H(6)	114.05	H(15)	C(13)	H(6)	68.38
H(22A)	C(13)	H(22B)	28.31	H(15)	C(13)	H(22B)	121.95
H(22A)	C(13)	C(1)	144.80	H(15)	C(13)	C(1)	68.38
H(22A)	C(13)	H(11A)	159.94	H(15)	C(13)	H(11A)	42.69
H(22A)	C(13)	H(7)	93.44	H(15)	C(13)	H(7)	104.45
H(11B)	C(13)	C(16)	107.12	H(6)	C(13)	H(22B)	94.50
H(11B)	C(13)	C(25)	146.45	H(6)	C(13)	C(1)	69.90
H(11B)	C(13)	H(15)	69.45	H(6)	C(13)	H(11A)	85.59
H(11B)	C(13)	H(6)	105.80	H(6)	C(13)	H(7)	40.68
H(11B)	C(13)	H(22B)	159.57	H(22B)	C(13)	C(1)	157.54
H(11B)	C(13)	C(1)	38.54	H(22B)	C(13)	H(11A)	163.04
H(11B)	C(13)	H(11A)	27.86	H(22B)	C(13)	H(7)	91.15
H(11B)	C(13)	H(7)	102.63	C(1)	C(13)	H(11A)	36.27
C(16)	C(13)	C(25)	103.76(8)	C(1)	C(13)	H(7)	66.45
C(16)	C(13)	H(15)	38.79	H(11A)	C(13)	H(7)	99.74
C(16)	C(13)	H(6)	65.28	C(15)	C(14)	C(13)	117.1(1)
C(16)	C(13)	H(22B)	83.25	C(15)	C(14)	C(11)	121.8(2)
C(16)	C(13)	C(1)	103.43(8)	C(15)	C(14)	H(15)	24.04
C(16)	C(13)	H(11A)	81.39	C(15)	C(14)	H(11B)	136.28
C(16)	C(13)	H(7)	105.06	C(15)	C(14)	H(11A)	95.73
C(25)	C(13)	H(15)	136.48	C(15)	C(14)	O(2)	148.2(1)
C(25)	C(13)	H(6)	75.64	C(15)	C(14)	C(16)	29.3(1)
C(25)	C(13)	H(22B)	37.24	C(15)	C(14)	C(12)	89.3(1)
C(25)	C(13)	C(1)	120.78(7)	C(15)	C(14)	C(1)	125.2(1)
C(25)	C(13)	H(11A)	155.82	C(15)	C(14)	C(21)	59.1(1)
C(25)	C(13)	H(7)	56.08	C(15)	C(14)	H(1)	179.48
C(15)	C(14)	H(9)	69.41	C(11)	C(14)	H(11A)	26.74
C(15)	C(14)	H(6)	77.67	C(11)	C(14)	O(2)	89.9(1)
C(15)	C(14)	C(10)	102.6(1)	C(11)	C(14)	C(16)	151.0(1)
C(15)	C(14)	H(2)	141.08	C(11)	C(14)	C(12)	149.0(1)
C(15)	C(14)	C(2)	144.0(1)	C(11)	C(14)	C(1)	32.81(9)
C(15)	C(14)	C(9)	79.6(1)	C(11)	C(14)	C(21)	178.9(1)
C(15)	C(14)	C(12)	88.3(1)	C(11)	C(14)	H(1)	58.52
C(13)	C(14)	C(11)	121.2(2)	C(11)	C(14)	H(9)	60.45
C(13)	C(14)	H(15)	141.10	C(11)	C(14)	H(6)	112.21
C(13)	C(14)	H(11B)	101.63	C(11)	C(14)	C(10)	47.5(1)
C(13)	C(14)	H(11A)	146.32	C(11)	C(14)	H(2)	97.15
C(13)	C(14)	O(2)	31.31(8)	C(11)	C(14)	C(2)	40.83(9)
C(13)	C(14)	C(16)	87.8(1)	C(11)	C(14)	C(9)	58.2(1)
C(13)	C(14)	C(12)	27.84(9)	C(11)	C(14)	C(12)	85.4(1)
C(13)	C(14)	C(1)	108.1(1)	H(15)	C(14)	H(11B)	114.39
C(13)	C(14)	C(21)	57.95(9)	H(15)	C(14)	H(11A)	71.82
C(13)	C(14)	H(1)	62.64	H(15)	C(14)	O(2)	171.79
C(13)	C(14)	H(9)	151.73	H(15)	C(14)	C(16)	53.31
C(13)	C(14)	H(6)	80.73	H(15)	C(14)	C(12)	113.31
C(13)	C(14)	C(10)	120.2(1)	H(15)	C(14)	C(1)	105.73
C(13)	C(14)	H(2)	24.01	H(15)	C(14)	C(21)	83.19
C(13)	C(14)	C(2)	89.3(1)	H(15)	C(14)	H(1)	156.23
C(13)	C(14)	C(9)	138.4(1)	H(15)	C(14)	H(9)	49.85
C(13)	C(14)	C(12)	95.4(1)	H(15)	C(14)	H(6)	86.28
C(11)	C(14)	H(15)	97.71	H(15)	C(14)	C(10)	86.17
C(11)	C(14)	H(11B)	26.62	H(15)	C(14)	H(2)	165.09
H(15)	C(14)	C(2)	125.59	H(11A)	C(14)	H(2)	122.75
H(15)	C(14)	C(9)	62.53	H(11A)	C(14)	C(2)	65.46
H(15)	C(14)	C(12)	85.58	H(11A)	C(14)	C(9)	50.94
H(11B)	C(14)	H(11A)	44.99	H(11A)	C(14)	C(12)	77.20
H(11B)	C(14)	O(2)	71.62	O(2)	C(14)	C(16)	119.07(9)
H(11B)	C(14)	C(16)	157.93	O(2)	C(14)	C(12)	59.14(7)
H(11B)	C(14)	C(12)	127.86	O(2)	C(14)	C(1)	82.36(7)
H(11B)	C(14)	C(1)	51.38	O(2)	C(14)	C(21)	89.24(8)
H(11B)	C(14)	C(21)	153.18	O(2)	C(14)	H(1)	31.44

H(11B)	C(14)	H(1)	43.75	O(2)	C(14)	H(9)	137.92
H(11B)	C(14)	H(9)	86.38	O(2)	C(14)	H(6)	93.76
H(11B)	C(14)	H(6)	130.84	O(2)	C(14)	C(10)	101.33(7)
H(11B)	C(14)	C(10)	71.68	O(2)	C(14)	H(2)	7.51
H(11B)	C(14)	H(2)	79.10	O(2)	C(14)	C(2)	62.50(6)
H(11B)	C(14)	C(2)	47.78	O(2)	C(14)	C(9)	124.81(7)
H(11B)	C(14)	C(9)	84.85	O(2)	C(14)	C(12)	91.96(8)
H(11B)	C(14)	C(12)	67.66	C(16)	C(14)	C(12)	60.01(8)
H(11A)	C(14)	O(2)	115.29	C(16)	C(14)	C(1)	144.1(1)
H(11A)	C(14)	C(16)	124.79	C(16)	C(14)	C(21)	29.89(7)
H(11A)	C(14)	C(12)	171.86	C(16)	C(14)	H(1)	150.46
H(11A)	C(14)	C(1)	51.47	C(16)	C(14)	H(9)	94.69
H(11A)	C(14)	C(21)	154.28	C(16)	C(14)	H(6)	70.03
H(11A)	C(14)	H(1)	84.50	C(16)	C(14)	C(10)	120.72(9)
H(11A)	C(14)	H(9)	45.73	C(16)	C(14)	H(2)	111.83
H(11A)	C(14)	H(6)	115.78	C(16)	C(14)	C(2)	153.5(1)
H(11A)	C(14)	C(10)	53.71	C(16)	C(14)	C(9)	101.39(8)
C(16)	C(14)	C(12)	91.82(8)	C(21)	C(14)	C(9)	121.89(8)
C(12)	C(14)	C(1)	129.6(1)	C(21)	C(14)	C(12)	95.25(7)
C(12)	C(14)	C(21)	30.12(6)	H(1)	C(14)	H(9)	111.06
C(12)	C(14)	H(1)	90.45	H(1)	C(14)	H(6)	102.66
C(12)	C(14)	H(9)	142.40	H(1)	C(14)	C(10)	77.89
C(12)	C(14)	H(6)	71.54	H(1)	C(14)	H(2)	38.63
C(12)	C(14)	C(10)	131.35(9)	H(1)	C(14)	C(2)	36.48
C(12)	C(14)	H(2)	51.83	H(1)	C(14)	C(9)	100.94
C(12)	C(14)	C(2)	113.48(9)	H(1)	C(14)	C(12)	91.34
C(12)	C(14)	C(9)	136.69(9)	H(9)	C(14)	H(6)	73.78
C(12)	C(14)	C(12)	96.59(8)	H(9)	C(14)	C(10)	36.74
C(1)	C(14)	C(21)	146.4(1)	H(9)	C(14)	H(2)	141.59
C(1)	C(14)	H(1)	55.27	H(9)	C(14)	C(2)	76.05
C(1)	C(14)	H(9)	56.31	H(9)	C(14)	C(9)	14.28
C(1)	C(14)	H(6)	80.82	H(9)	C(14)	C(12)	112.66
C(1)	C(14)	C(10)	23.77(5)	H(6)	C(14)	C(10)	65.57
C(1)	C(14)	H(2)	87.55	H(6)	C(14)	H(2)	89.25
C(1)	C(14)	C(2)	19.86(5)	H(6)	C(14)	C(2)	83.50
C(1)	C(14)	C(9)	45.73(6)	H(6)	C(14)	C(9)	65.22
C(1)	C(14)	C(12)	117.43(8)	H(6)	C(14)	C(12)	161.48
C(21)	C(14)	H(1)	120.58	C(10)	C(14)	H(2)	104.90
C(21)	C(14)	H(9)	119.98	C(10)	C(14)	C(2)	41.42(5)
C(21)	C(14)	H(6)	67.26	C(10)	C(14)	C(9)	23.70(4)
C(21)	C(14)	C(10)	132.14(9)	C(10)	C(14)	C(12)	130.28(7)
C(21)	C(14)	H(2)	81.96	H(2)	C(14)	C(2)	67.83
C(21)	C(14)	C(2)	138.12(9)	H(2)	C(14)	C(9)	127.74
H(2)	C(14)	C(12)	94.40	C(14)	C(15)	H(11A)	52.27
C(2)	C(14)	C(9)	64.71(5)	C(14)	C(15)	H(17)	172.42
C(2)	C(14)	C(12)	114.68(7)	C(14)	C(15)	C(12)	61.4(1)
C(9)	C(14)	C(12)	124.39(7)	C(14)	C(15)	H(9)	84.15
H(15)	C(15)	C(14)	119.30	C(14)	C(15)	H(6)	77.30
H(15)	C(15)	C(16)	118.24	C(14)	C(15)	H(11B)	26.33
H(15)	C(15)	C(13)	151.13	C(14)	C(15)	H(22A)	94.23
H(15)	C(15)	C(21)	148.63	C(14)	C(15)	C(1)	36.24(9)
H(15)	C(15)	C(17)	89.10	C(14)	C(15)	C(9)	78.0(1)
H(15)	C(15)	C(11)	88.69	C(14)	C(15)	O(2)	102.4(1)
H(15)	C(15)	H(11A)	67.28	C(14)	C(15)	O(2)	20.15(9)
H(15)	C(15)	H(17)	68.22	C(16)	C(15)	C(13)	90.6(1)
H(15)	C(15)	C(12)	179.29	C(16)	C(15)	C(21)	30.4(1)
H(15)	C(15)	H(9)	46.69	C(16)	C(15)	C(17)	29.1(1)
H(15)	C(15)	H(6)	112.68	C(16)	C(15)	C(11)	153.1(2)
H(15)	C(15)	H(11B)	95.70	C(16)	C(15)	H(11A)	172.68
H(15)	C(15)	H(22A)	61.90	C(16)	C(15)	H(17)	50.03
H(15)	C(15)	C(1)	89.92	C(16)	C(15)	C(12)	61.1(1)
H(15)	C(15)	C(9)	58.15	C(16)	C(15)	H(9)	140.13
H(15)	C(15)	O(2)	95.22	C(16)	C(15)	H(6)	81.39

H(15)	C(15)	O(2)	139.31	C(16)	C(15)	H(11B)	144.01
C(14)	C(15)	C(16)	122.5(2)	C(16)	C(15)	H(22A)	112.34
C(14)	C(15)	C(13)	31.85(9)	C(16)	C(15)	C(1)	144.7(1)
C(14)	C(15)	C(21)	92.1(1)	C(16)	C(15)	C(9)	136.2(1)
C(14)	C(15)	C(17)	151.6(1)	C(16)	C(15)	O(2)	72.1(1)
C(14)	C(15)	C(11)	30.61(9)	C(16)	C(15)	O(2)	102.4(1)
C(13)	C(15)	C(21)	60.23(8)	C(21)	C(15)	O(2)	72.03(7)
C(13)	C(15)	C(17)	119.7(1)	C(17)	C(15)	C(11)	177.7(1)
C(13)	C(15)	C(11)	62.46(7)	C(17)	C(15)	H(11A)	155.65
C(13)	C(15)	H(11A)	83.89	C(17)	C(15)	H(17)	20.88
C(13)	C(15)	H(17)	140.59	C(17)	C(15)	C(12)	90.24(8)
C(13)	C(15)	C(12)	29.52(6)	C(17)	C(15)	H(9)	119.92
C(13)	C(15)	H(9)	111.55	C(17)	C(15)	H(6)	93.17
C(13)	C(15)	H(6)	70.15	C(17)	C(15)	H(11B)	166.00
C(13)	C(15)	H(11B)	55.98	C(17)	C(15)	H(22A)	99.19
C(13)	C(15)	H(22A)	108.15	C(17)	C(15)	C(1)	158.6(1)
C(13)	C(15)	C(1)	63.95(6)	C(17)	C(15)	C(9)	122.5(1)
C(13)	C(15)	C(9)	102.39(7)	C(17)	C(15)	O(2)	71.93(8)
C(13)	C(15)	O(2)	92.77(8)	C(17)	C(15)	O(2)	131.46(9)
C(13)	C(15)	O(2)	11.84(5)	C(11)	C(15)	H(11A)	22.06
C(21)	C(15)	C(17)	59.54(8)	C(11)	C(15)	H(17)	156.91
C(21)	C(15)	C(11)	122.7(1)	C(11)	C(15)	C(12)	91.96(8)
C(21)	C(15)	H(11A)	143.92	C(11)	C(15)	H(9)	58.70
C(21)	C(15)	H(17)	80.42	C(11)	C(15)	H(6)	88.26
C(21)	C(15)	C(12)	30.71(6)	C(11)	C(15)	H(11B)	14.36
C(21)	C(15)	H(9)	147.66	C(11)	C(15)	H(22A)	79.21
C(21)	C(15)	H(6)	71.69	C(11)	C(15)	C(1)	22.06(6)
C(21)	C(15)	H(11B)	114.96	C(11)	C(15)	C(9)	56.64(6)
C(21)	C(15)	H(22A)	119.94	C(11)	C(15)	O(2)	107.66(8)
C(21)	C(15)	C(1)	118.78(9)	C(11)	C(15)	O(2)	50.70(6)
C(21)	C(15)	C(9)	136.6(1)	H(11A)	C(15)	H(17)	135.09
C(21)	C(15)	O(2)	76.77(7)	H(11A)	C(15)	C(12)	113.35
H(11A)	C(15)	H(9)	47.03	H(9)	C(15)	H(11B)	72.07
H(11A)	C(15)	H(6)	101.17	H(9)	C(15)	H(22A)	92.38
H(11A)	C(15)	H(11B)	29.25	H(9)	C(15)	C(1)	48.33
H(11A)	C(15)	H(22A)	65.18	H(9)	C(15)	C(9)	12.02
H(11A)	C(15)	C(1)	35.03	H(9)	C(15)	O(2)	135.44
H(11A)	C(15)	C(9)	50.20	H(9)	C(15)	O(2)	102.27
H(11A)	C(15)	O(2)	103.22	H(6)	C(15)	H(11B)	97.07
H(11A)	C(15)	O(2)	72.06	H(6)	C(15)	H(22A)	166.27
H(17)	C(15)	C(12)	111.12	H(6)	C(15)	C(1)	67.57
H(17)	C(15)	H(9)	102.71	H(6)	C(15)	C(9)	64.93
H(17)	C(15)	H(6)	101.00	H(6)	C(15)	O(2)	148.40
H(17)	C(15)	H(11B)	159.39	H(6)	C(15)	O(2)	73.61
H(17)	C(15)	H(22A)	88.76	H(11B)	C(15)	H(22A)	71.84
H(17)	C(15)	C(1)	149.88	H(11B)	C(15)	C(1)	35.01
H(17)	C(15)	C(9)	108.17	H(11B)	C(15)	C(9)	70.86
H(17)	C(15)	O(2)	75.06	H(11B)	C(15)	O(2)	94.49
H(17)	C(15)	O(2)	152.27	H(11B)	C(15)	O(2)	44.30
C(12)	C(15)	H(9)	133.97	H(22A)	C(15)	C(1)	99.20
C(12)	C(15)	H(6)	67.63	H(22A)	C(15)	C(9)	102.99
C(12)	C(15)	H(11B)	84.88	H(22A)	C(15)	O(2)	43.59
C(12)	C(15)	H(22A)	117.95	H(22A)	C(15)	O(2)	102.06
C(12)	C(15)	C(1)	90.79(7)	C(1)	C(15)	C(9)	41.76(5)
C(12)	C(15)	C(9)	122.48(8)	C(1)	C(15)	O(2)	129.46(7)
C(12)	C(15)	O(2)	84.31(7)	C(1)	C(15)	O(2)	54.00(5)
C(12)	C(15)	O(2)	41.33(5)	C(9)	C(15)	O(2)	146.53(7)
H(9)	C(15)	H(6)	76.16	C(9)	C(15)	O(2)	94.32(6)
O(2)	C(15)	O(2)	95.19(6)	C(15)	C(16)	H(20)	142.51
C(17)	C(16)	C(15)	121.4(2)	C(15)	C(16)	H(6)	73.28
C(17)	C(16)	C(21)	119.3(2)	C(15)	C(16)	O(2)	84.5(1)
C(17)	C(16)	H(15)	97.50	C(15)	C(16)	H(11B)	114.53
C(17)	C(16)	H(17)	23.61	C(21)	C(16)	H(15)	143.24

C(17)	C(16)	C(18)	28.9(1)	C(21)	C(16)	H(17)	142.87
C(17)	C(16)	C(20)	88.0(1)	C(21)	C(16)	C(18)	90.3(1)
C(17)	C(16)	C(14)	149.7(2)	C(21)	C(16)	C(20)	31.28(9)
C(17)	C(16)	C(12)	150.0(1)	C(21)	C(16)	C(14)	91.0(1)
C(17)	C(16)	C(19)	58.9(1)	C(21)	C(16)	C(12)	30.81(9)
C(17)	C(16)	C(13)	177.8(2)	C(21)	C(16)	C(19)	60.3(1)
C(17)	C(16)	H(18)	20.54	C(21)	C(16)	C(13)	60.6(1)
C(17)	C(16)	H(20)	96.05	C(21)	C(16)	H(18)	98.73
C(17)	C(16)	H(6)	117.75	C(21)	C(16)	H(20)	23.21
C(17)	C(16)	O(2)	88.4(1)	C(21)	C(16)	H(6)	80.32
C(17)	C(16)	H(11B)	97.93	C(21)	C(16)	O(2)	96.4(1)
C(15)	C(16)	C(21)	119.3(2)	C(21)	C(16)	H(11B)	54.70
C(15)	C(16)	H(15)	23.94	H(15)	C(16)	H(17)	73.89
C(15)	C(16)	H(17)	97.82	H(15)	C(16)	C(18)	126.44
C(15)	C(16)	C(18)	150.4(2)	H(15)	C(16)	C(20)	174.52
C(15)	C(16)	C(20)	150.6(2)	H(15)	C(16)	C(14)	52.22
C(15)	C(16)	C(14)	28.3(1)	H(15)	C(16)	C(12)	112.44
C(15)	C(16)	C(12)	88.5(1)	H(15)	C(16)	C(19)	156.45
C(15)	C(16)	C(19)	179.1(2)	H(15)	C(16)	C(13)	82.60
C(15)	C(16)	C(13)	58.7(1)	H(15)	C(16)	H(18)	118.03
C(15)	C(16)	H(18)	141.94	H(15)	C(16)	H(20)	166.45
H(15)	C(16)	H(6)	82.96	C(20)	C(16)	C(19)	29.03(7)
H(15)	C(16)	O(2)	83.46	C(20)	C(16)	C(13)	91.91(9)
H(15)	C(16)	H(11B)	123.83	C(20)	C(16)	H(18)	67.45
H(17)	C(16)	C(18)	52.55	C(20)	C(16)	H(20)	8.07
H(17)	C(16)	C(20)	111.59	C(20)	C(16)	H(6)	94.65
H(17)	C(16)	C(14)	126.10	C(20)	C(16)	O(2)	96.59(8)
H(17)	C(16)	C(12)	173.52	C(20)	C(16)	H(11B)	54.78
H(17)	C(16)	C(19)	82.56	C(14)	C(16)	C(12)	60.22(7)
H(17)	C(16)	C(13)	156.42	C(14)	C(16)	C(19)	151.3(1)
H(17)	C(16)	H(18)	44.15	C(14)	C(16)	C(13)	30.39(6)
H(17)	C(16)	H(20)	119.66	C(14)	C(16)	H(18)	170.08
H(17)	C(16)	H(6)	113.49	C(14)	C(16)	H(20)	114.23
H(17)	C(16)	O(2)	86.03	C(14)	C(16)	H(6)	65.38
H(17)	C(16)	H(11B)	111.19	C(14)	C(16)	O(2)	86.85(8)
C(18)	C(16)	C(20)	59.04(9)	C(14)	C(16)	H(11B)	99.08
C(18)	C(16)	C(14)	178.1(1)	C(12)	C(16)	C(19)	91.10(9)
C(18)	C(16)	C(12)	121.1(1)	C(12)	C(16)	C(13)	29.84(6)
C(18)	C(16)	C(19)	30.01(8)	C(12)	C(16)	H(18)	129.47
C(18)	C(16)	C(13)	150.9(1)	C(12)	C(16)	H(20)	54.01
C(18)	C(16)	H(18)	8.42	C(12)	C(16)	H(6)	69.61
C(18)	C(16)	H(20)	67.11	C(12)	C(16)	O(2)	93.22(8)
C(18)	C(16)	H(6)	116.19	C(12)	C(16)	H(11B)	64.49
C(18)	C(16)	O(2)	91.67(9)	C(19)	C(16)	C(13)	120.9(1)
C(18)	C(16)	H(11B)	80.61	C(19)	C(16)	H(18)	38.42
C(20)	C(16)	C(14)	122.3(1)	C(19)	C(16)	H(20)	37.10
C(20)	C(16)	C(12)	62.08(8)	C(19)	C(16)	H(6)	107.35
C(19)	C(16)	O(2)	94.72(8)	H(17)	C(17)	H(40)	48.89
C(19)	C(16)	H(11B)	64.56	H(17)	C(17)	H(41)	41.72
C(13)	C(16)	H(18)	159.18	H(17)	C(17)	H(1)	105.41
C(13)	C(16)	H(20)	83.85	C(18)	C(17)	C(16)	120.9(2)
C(13)	C(16)	H(6)	64.41	C(18)	C(17)	H(18)	24.33
C(13)	C(16)	O(2)	89.44(8)	C(18)	C(17)	C(19)	30.3(1)
C(13)	C(16)	H(11B)	80.25	C(18)	C(17)	C(21)	90.3(2)
H(18)	C(16)	H(20)	75.52	C(18)	C(17)	C(15)	150.3(2)
H(18)	C(16)	H(6)	117.96	C(18)	C(17)	H(15)	171.24
H(18)	C(16)	O(2)	90.20	C(18)	C(17)	C(20)	59.5(1)
H(18)	C(16)	H(11B)	85.18	C(18)	C(17)	H(19)	21.63
H(20)	C(16)	H(6)	90.82	C(18)	C(17)	H(40)	78.32
H(20)	C(16)	O(2)	96.85	C(18)	C(17)	H(41)	82.65
H(20)	C(16)	H(11B)	53.68	C(18)	C(17)	H(1)	81.56
H(6)	C(16)	O(2)	151.84	C(16)	C(17)	H(18)	145.18
H(6)	C(16)	H(11B)	132.90	C(16)	C(17)	C(19)	90.6(1)

O(2)	C(16)	H(11B)	43.57	C(16)	C(17)	C(21)	30.6(1)
H(17)	C(17)	C(18)	119.51	C(16)	C(17)	C(15)	29.4(1)
H(17)	C(17)	C(16)	119.62	C(16)	C(17)	H(15)	50.38
H(17)	C(17)	H(18)	95.19	C(16)	C(17)	C(20)	61.3(1)
H(17)	C(17)	C(19)	149.79	C(16)	C(17)	H(19)	99.25
H(17)	C(17)	C(21)	150.17	C(16)	C(17)	H(40)	148.28
H(17)	C(17)	C(15)	90.20	C(16)	C(17)	H(41)	149.78
H(17)	C(17)	H(15)	69.24	C(16)	C(17)	H(1)	83.38
H(17)	C(17)	C(20)	179.01	H(18)	C(17)	C(19)	54.60
H(17)	C(17)	H(19)	141.14	H(18)	C(17)	C(21)	114.64
H(18)	C(17)	C(15)	174.42	C(15)	C(17)	H(41)	125.14
H(18)	C(17)	H(15)	164.38	C(15)	C(17)	H(1)	90.46
H(18)	C(17)	C(20)	83.87	H(15)	C(17)	C(20)	111.70
H(18)	C(17)	H(19)	45.95	H(15)	C(17)	H(19)	149.62
H(18)	C(17)	H(40)	56.67	H(15)	C(17)	H(40)	109.23
H(18)	C(17)	H(41)	60.37	H(15)	C(17)	H(41)	105.68
H(18)	C(17)	H(1)	86.73	H(15)	C(17)	H(1)	96.02
C(19)	C(17)	C(21)	60.04(9)	C(20)	C(17)	H(19)	37.92
C(19)	C(17)	C(15)	120.0(1)	C(20)	C(17)	H(40)	130.53
C(19)	C(17)	H(15)	140.97	C(20)	C(17)	H(41)	137.32
C(19)	C(17)	C(20)	29.27(7)	C(20)	C(17)	H(1)	74.88
C(19)	C(17)	H(19)	8.66	H(19)	C(17)	H(40)	97.57
C(19)	C(17)	H(40)	105.38	H(19)	C(17)	H(41)	102.97
C(19)	C(17)	H(41)	110.95	H(19)	C(17)	H(1)	77.29
C(19)	C(17)	H(1)	76.34	H(40)	C(17)	H(41)	47.11
C(21)	C(17)	C(15)	59.97(8)	H(40)	C(17)	H(1)	74.36
C(21)	C(17)	H(15)	80.93	H(41)	C(17)	H(1)	121.30
C(21)	C(17)	C(20)	30.78(6)	H(18)	C(18)	C(17)	119.66
C(21)	C(17)	H(19)	68.69	H(18)	C(18)	C(19)	120.06
C(21)	C(17)	H(40)	150.66	H(18)	C(18)	H(17)	95.41
C(21)	C(17)	H(41)	158.51	H(18)	C(18)	H(19)	96.16
C(21)	C(17)	H(1)	77.28	H(18)	C(18)	C(20)	149.28
C(15)	C(17)	H(15)	20.96	H(18)	C(18)	C(16)	149.82
C(15)	C(17)	C(20)	90.7(1)	H(18)	C(18)	C(21)	178.17
C(15)	C(17)	H(19)	128.66	H(18)	C(18)	H(20)	140.66
C(15)	C(17)	H(40)	127.06	H(18)	C(18)	H(48A)	52.71
H(18)	C(18)	H(47)	72.61	H(17)	C(18)	C(16)	54.45
H(18)	C(18)	H(40)	47.65	H(17)	C(18)	C(21)	85.00
H(18)	C(18)	H(41)	49.28	H(17)	C(18)	H(20)	123.91
C(17)	C(18)	C(19)	120.3(2)	H(17)	C(18)	H(48A)	146.85
C(17)	C(18)	H(17)	24.26	H(17)	C(18)	H(47)	132.20
C(17)	C(18)	H(19)	144.15	H(17)	C(18)	H(40)	57.51
C(17)	C(18)	C(20)	91.0(2)	H(17)	C(18)	H(41)	52.91
C(17)	C(18)	C(16)	30.2(1)	H(19)	C(18)	C(20)	53.14
C(17)	C(18)	C(21)	60.7(1)	H(19)	C(18)	C(16)	113.96
C(17)	C(18)	H(20)	99.64	H(19)	C(18)	C(21)	83.41
C(17)	C(18)	H(48A)	168.19	H(19)	C(18)	H(20)	44.51
C(17)	C(18)	H(47)	134.44	H(19)	C(18)	H(48A)	44.33
C(17)	C(18)	H(40)	78.67	H(19)	C(18)	H(47)	51.90
C(17)	C(18)	H(41)	75.38	H(19)	C(18)	H(40)	131.93
C(19)	C(18)	H(17)	144.52	H(19)	C(18)	H(41)	137.48
C(19)	C(18)	H(19)	23.90	C(20)	C(18)	C(16)	60.83(8)
C(19)	C(18)	C(20)	29.2(1)	C(20)	C(18)	C(21)	30.28(6)
C(19)	C(18)	C(16)	90.1(1)	C(20)	C(18)	H(20)	8.63
C(19)	C(18)	C(21)	59.5(1)	C(20)	C(18)	H(48A)	96.76
C(19)	C(18)	H(20)	20.61	C(20)	C(18)	H(47)	84.88
C(19)	C(18)	H(48A)	67.87	C(20)	C(18)	H(40)	151.31
C(19)	C(18)	H(47)	65.20	C(20)	C(18)	H(41)	155.48
C(19)	C(18)	H(40)	148.61	C(16)	C(18)	C(21)	30.55(7)
C(19)	C(18)	H(41)	155.44	C(16)	C(18)	H(20)	69.46
H(17)	C(18)	H(19)	168.41	C(16)	C(18)	H(48A)	156.00
H(17)	C(18)	C(20)	115.28	C(16)	C(18)	H(47)	124.36
C(16)	C(18)	H(40)	105.56	H(19)	C(19)	H(17)	140.71

C(16)	C(18)	H(41)	103.77	H(19)	C(19)	H(11B)	110.70
C(21)	C(18)	H(20)	38.91	H(19)	C(19)	C(58)	78.13
C(21)	C(18)	H(48A)	126.55	C(20)	C(19)	C(18)	120.5(2)
C(21)	C(18)	H(47)	105.79	C(20)	C(19)	H(20)	24.57
C(21)	C(18)	H(40)	131.64	C(20)	C(19)	H(18)	144.31
C(21)	C(18)	H(41)	131.91	C(20)	C(19)	C(17)	91.1(1)
H(20)	C(18)	H(48A)	88.24	C(20)	C(19)	C(21)	29.8(1)
H(20)	C(18)	H(47)	78.93	C(20)	C(19)	C(16)	60.6(1)
H(20)	C(18)	H(40)	153.51	C(20)	C(19)	H(48A)	151.01
H(20)	C(18)	H(41)	159.15	C(20)	C(19)	H(47)	122.19
H(48A)	C(18)	H(47)	38.36	C(20)	C(19)	H(17)	99.52
H(48A)	C(18)	H(40)	90.34	C(20)	C(19)	H(11B)	56.58
H(48A)	C(18)	H(41)	100.21	C(20)	C(19)	C(58)	108.0(2)
H(47)	C(18)	H(40)	83.63	C(18)	C(19)	H(20)	145.10
H(47)	C(18)	H(41)	119.24	C(18)	C(19)	H(18)	23.79
H(40)	C(18)	H(41)	46.44	C(18)	C(19)	C(17)	29.5(1)
H(19)	C(19)	C(20)	119.77	C(18)	C(19)	C(21)	90.7(1)
H(19)	C(19)	C(18)	119.69	C(18)	C(19)	C(16)	59.9(1)
H(19)	C(19)	H(20)	95.21	C(18)	C(19)	H(48A)	87.03
H(19)	C(19)	H(18)	95.90	C(18)	C(19)	H(47)	90.58
H(19)	C(19)	C(17)	149.15	C(18)	C(19)	H(17)	21.02
H(19)	C(19)	C(21)	149.54	C(18)	C(19)	H(11B)	101.01
H(19)	C(19)	C(16)	179.05	C(18)	C(19)	C(58)	84.6(2)
H(19)	C(19)	H(48A)	33.71	H(20)	C(19)	H(18)	168.87
H(19)	C(19)	H(47)	56.19	H(20)	C(19)	C(17)	115.64
H(20)	C(19)	C(21)	54.36	C(21)	C(19)	H(11B)	57.72
H(20)	C(19)	C(16)	85.18	C(21)	C(19)	C(58)	108.0(1)
H(20)	C(19)	H(48A)	127.33	C(16)	C(19)	H(48A)	145.68
H(20)	C(19)	H(47)	110.53	C(16)	C(19)	H(47)	122.87
H(20)	C(19)	H(17)	124.08	C(16)	C(19)	H(17)	38.90
H(20)	C(19)	H(11B)	62.86	C(16)	C(19)	H(11B)	68.71
H(20)	C(19)	C(58)	104.35	C(16)	C(19)	C(58)	102.6(1)
H(18)	C(19)	C(17)	53.25	H(48A)	C(19)	H(47)	42.01
H(18)	C(19)	C(21)	114.52	H(48A)	C(19)	H(17)	107.77
H(18)	C(19)	C(16)	83.70	H(48A)	C(19)	H(11B)	113.12
H(18)	C(19)	H(48A)	63.48	H(48A)	C(19)	C(58)	81.54
H(18)	C(19)	H(47)	75.40	H(47)	C(19)	H(17)	103.54
H(18)	C(19)	H(17)	44.81	H(47)	C(19)	H(11B)	71.35
H(18)	C(19)	H(11B)	112.16	H(47)	C(19)	C(58)	123.55
H(18)	C(19)	C(58)	78.69	H(17)	C(19)	H(11B)	89.43
C(17)	C(19)	C(21)	61.28(9)	H(17)	C(19)	C(58)	91.17
C(17)	C(19)	C(16)	30.46(7)	H(11B)	C(19)	C(58)	164.35
C(17)	C(19)	H(48A)	116.06	H(20)	C(20)	C(19)	118.88
C(17)	C(19)	H(47)	108.39	H(20)	C(20)	C(21)	119.21
C(17)	C(19)	H(17)	8.44	H(20)	C(20)	H(19)	94.55
C(17)	C(19)	H(11B)	84.64	H(20)	C(20)	C(18)	149.11
C(17)	C(19)	C(58)	93.9(2)	H(20)	C(20)	C(16)	150.76
C(21)	C(19)	C(16)	30.82(7)	H(20)	C(20)	C(12)	91.10
C(21)	C(19)	H(48A)	169.95	H(20)	C(20)	H(22B)	44.59
C(21)	C(19)	H(47)	128.30	H(20)	C(20)	C(17)	178.52
C(21)	C(19)	H(17)	69.73	H(20)	C(20)	H(11B)	91.18
H(20)	C(20)	C(22)	61.16	H(19)	C(20)	C(12)	173.97
H(20)	C(20)	H(26)	56.71	H(19)	C(20)	H(22B)	138.06
H(20)	C(20)	H(18)	140.48	H(19)	C(20)	C(17)	84.00
C(19)	C(20)	C(21)	121.9(2)	H(19)	C(20)	H(11B)	102.45
C(19)	C(20)	H(19)	24.34	H(19)	C(20)	C(22)	155.62
C(19)	C(20)	C(18)	30.2(1)	H(19)	C(20)	H(26)	119.18
C(19)	C(20)	C(16)	90.4(1)	H(19)	C(20)	H(18)	45.93
C(19)	C(20)	C(12)	150.0(2)	C(18)	C(20)	C(16)	60.13(9)
C(19)	C(20)	H(22B)	161.57	C(18)	C(20)	C(12)	119.8(1)
C(19)	C(20)	C(17)	59.7(1)	C(18)	C(20)	H(22B)	165.03
C(19)	C(20)	H(11B)	100.82	C(18)	C(20)	C(17)	29.44(7)
C(19)	C(20)	C(22)	178.5(2)	C(18)	C(20)	H(11B)	95.80

C(19)	C(20)	H(26)	130.56	C(18)	C(20)	C(22)	149.7(1)
C(19)	C(20)	H(18)	21.60	C(18)	C(20)	H(26)	134.01
C(21)	C(20)	H(19)	146.24	C(18)	C(20)	H(18)	8.64
C(21)	C(20)	C(18)	91.7(1)	C(16)	C(20)	C(12)	59.68(8)
C(21)	C(20)	C(16)	31.6(1)	C(16)	C(20)	H(22B)	106.51
C(21)	C(20)	C(12)	28.1(1)	C(16)	C(20)	C(17)	30.70(7)
C(21)	C(20)	H(22B)	75.17	C(16)	C(20)	H(11B)	82.73
C(21)	C(20)	C(17)	62.3(1)	C(16)	C(20)	C(22)	89.62(8)
C(21)	C(20)	H(11B)	77.77	C(16)	C(20)	H(26)	105.24
C(21)	C(20)	C(22)	58.1(1)	C(16)	C(20)	H(18)	68.76
C(21)	C(20)	H(26)	83.54	C(12)	C(20)	H(22B)	47.14
C(21)	C(20)	H(18)	100.31	C(12)	C(20)	C(17)	90.36(8)
H(19)	C(20)	C(18)	54.56	C(12)	C(20)	H(11B)	75.26
H(19)	C(20)	C(16)	114.69	C(12)	C(20)	C(22)	29.94(6)
C(12)	C(20)	H(26)	65.90	C(20)	C(21)	C(18)	58.0(1)
C(12)	C(20)	H(18)	128.39	C(20)	C(21)	C(14)	176.2(2)
H(22B)	C(20)	C(17)	136.89	C(20)	C(21)	H(11B)	74.51
H(22B)	C(20)	H(11B)	74.69	C(20)	C(21)	H(22A)	101.45
H(22B)	C(20)	C(22)	17.92	C(20)	C(21)	H(19)	19.85
H(22B)	C(20)	H(26)	52.77	C(20)	C(21)	H(26)	71.04
H(22B)	C(20)	H(18)	171.15	C(20)	C(21)	H(15)	138.93
C(17)	C(20)	H(11B)	89.40	C(20)	C(21)	H(17)	95.15
C(17)	C(20)	C(22)	120.31(8)	C(20)	C(21)	H(6)	119.75
C(17)	C(20)	H(26)	123.83	C(20)	C(21)	C(25)	95.3(1)
C(17)	C(20)	H(18)	38.07	C(16)	C(21)	C(12)	118.6(1)
H(11B)	C(20)	C(22)	77.71	C(16)	C(21)	H(20)	140.86
H(11B)	C(20)	H(26)	127.18	C(16)	C(21)	C(19)	88.9(1)
H(11B)	C(20)	H(18)	97.03	C(16)	C(21)	C(13)	88.6(1)
C(22)	C(20)	H(26)	50.84	C(16)	C(21)	C(17)	30.19(9)
C(22)	C(20)	H(18)	158.30	C(16)	C(21)	C(15)	30.31(9)
H(26)	C(20)	H(18)	135.01	C(16)	C(21)	C(22)	148.6(1)
C(20)	C(21)	C(16)	117.2(2)	C(16)	C(21)	H(22B)	167.48
C(20)	C(21)	C(12)	124.2(2)	C(16)	C(21)	C(18)	59.1(1)
C(20)	C(21)	H(20)	23.70	C(16)	C(21)	C(14)	59.1(1)
C(20)	C(21)	C(19)	28.3(1)	C(16)	C(21)	H(11B)	102.26
C(20)	C(21)	C(13)	154.2(2)	C(16)	C(21)	H(22A)	139.40
C(20)	C(21)	C(17)	87.0(1)	C(16)	C(21)	H(19)	97.32
C(20)	C(21)	C(15)	147.5(2)	C(16)	C(21)	H(26)	136.80
C(20)	C(21)	C(22)	94.2(1)	C(16)	C(21)	H(15)	21.77
C(20)	C(21)	H(22B)	73.66	C(16)	C(21)	H(17)	22.01
C(16)	C(21)	H(6)	74.92	H(20)	C(21)	C(14)	160.04
C(16)	C(21)	C(25)	141.1(1)	H(20)	C(21)	H(11B)	73.61
C(12)	C(21)	H(20)	100.50	H(20)	C(21)	H(22A)	78.39
C(12)	C(21)	C(19)	152.4(1)	H(20)	C(21)	H(19)	43.55
C(12)	C(21)	C(13)	30.07(9)	H(20)	C(21)	H(26)	55.80
C(12)	C(21)	C(17)	148.8(1)	H(20)	C(21)	H(15)	162.62
C(12)	C(21)	C(15)	88.3(1)	H(20)	C(21)	H(17)	118.85
C(12)	C(21)	C(22)	29.98(9)	H(20)	C(21)	H(6)	117.82
C(12)	C(21)	H(22B)	50.68	H(20)	C(21)	C(25)	73.33
C(12)	C(21)	C(18)	176.7(2)	C(19)	C(21)	C(13)	176.4(1)
C(12)	C(21)	C(14)	59.5(1)	C(19)	C(21)	C(17)	58.67(9)
C(12)	C(21)	H(11B)	91.89	C(19)	C(21)	C(15)	119.2(1)
C(12)	C(21)	H(22A)	24.67	C(19)	C(21)	C(22)	122.5(1)
C(12)	C(21)	H(19)	143.95	C(19)	C(21)	H(22B)	101.73
C(12)	C(21)	H(26)	70.52	C(19)	C(21)	C(18)	29.73(8)
C(12)	C(21)	H(15)	96.87	C(19)	C(21)	C(14)	147.9(1)
C(12)	C(21)	H(17)	140.60	C(19)	C(21)	H(11B)	78.85
C(12)	C(21)	H(6)	77.43	C(19)	C(21)	H(22A)	128.77
C(12)	C(21)	C(25)	36.7(1)	C(19)	C(21)	H(19)	8.46
H(20)	C(21)	C(19)	52.00	C(19)	C(21)	H(26)	91.60
H(20)	C(21)	C(13)	130.57	C(19)	C(21)	H(15)	110.63
H(20)	C(21)	C(17)	110.67	C(19)	C(21)	H(17)	66.85
H(20)	C(21)	C(15)	171.16	C(19)	C(21)	H(6)	115.14

H(20)	C(21)	C(22)	70.53	C(19)	C(21)	C(25)	121.5(1)
H(20)	C(21)	H(22B)	50.20	C(13)	C(21)	C(17)	118.7(1)
H(20)	C(21)	C(18)	81.73	C(13)	C(21)	C(15)	58.26(8)
C(13)	C(21)	C(22)	60.05(8)	C(15)	C(21)	H(22B)	138.51
C(13)	C(21)	H(22B)	80.56	C(15)	C(21)	C(18)	89.4(1)
C(13)	C(21)	C(18)	147.6(1)	C(15)	C(21)	C(14)	28.79(6)
C(13)	C(21)	C(14)	29.48(7)	C(15)	C(21)	H(11B)	105.96
C(13)	C(21)	H(11B)	99.32	C(15)	C(21)	H(22A)	110.19
C(13)	C(21)	H(22A)	53.06	C(15)	C(21)	H(19)	127.62
C(13)	C(21)	H(19)	173.54	C(15)	C(21)	H(26)	128.93
C(13)	C(21)	H(26)	91.96	C(15)	C(21)	H(15)	8.54
C(13)	C(21)	H(15)	66.80	C(15)	C(21)	H(17)	52.31
C(13)	C(21)	H(17)	110.54	C(15)	C(21)	H(6)	64.26
C(13)	C(21)	H(6)	66.48	C(15)	C(21)	C(25)	114.81(8)
C(13)	C(21)	C(25)	61.94(7)	C(22)	C(21)	H(22B)	21.36
C(17)	C(21)	C(15)	60.49(8)	C(22)	C(21)	C(18)	152.23(9)
C(17)	C(21)	C(22)	178.3(1)	C(22)	C(21)	C(14)	89.51(8)
C(17)	C(21)	H(22B)	159.44	C(22)	C(21)	H(11B)	84.42
C(17)	C(21)	C(18)	28.94(7)	C(22)	C(21)	H(22A)	13.90
C(17)	C(21)	C(14)	89.28(9)	C(22)	C(21)	H(19)	114.05
C(17)	C(21)	H(11B)	94.81	C(22)	C(21)	H(26)	51.99
C(17)	C(21)	H(22A)	164.49	C(22)	C(21)	H(15)	126.84
C(17)	C(21)	H(19)	67.13	C(22)	C(21)	H(17)	170.56
C(17)	C(21)	H(26)	129.57	C(22)	C(21)	H(6)	90.88
C(17)	C(21)	H(15)	51.96	C(22)	C(21)	C(25)	22.96(6)
C(17)	C(21)	H(17)	8.18	H(22B)	C(21)	C(18)	131.20
C(17)	C(21)	H(6)	89.52	H(22B)	C(21)	C(14)	109.96
C(17)	C(21)	C(25)	158.1(1)	H(22B)	C(21)	H(11B)	73.71
C(15)	C(21)	C(22)	118.30(9)	H(22B)	C(21)	H(22A)	28.45
H(22B)	C(21)	H(19)	93.31	H(11B)	C(21)	H(15)	105.47
H(22B)	C(21)	H(26)	50.52	H(11B)	C(21)	H(17)	97.07
H(22B)	C(21)	H(15)	146.93	H(11B)	C(21)	H(6)	165.37
H(22B)	C(21)	H(17)	166.93	H(11B)	C(21)	C(25)	106.85
H(22B)	C(21)	H(6)	105.89	H(22A)	C(21)	H(19)	120.57
H(22B)	C(21)	C(25)	35.84	H(22A)	C(21)	H(26)	65.87
C(18)	C(21)	C(14)	118.2(1)	H(22A)	C(21)	H(15)	118.53
C(18)	C(21)	H(11B)	86.44	H(22A)	C(21)	H(17)	158.92
C(18)	C(21)	H(22A)	156.05	H(22A)	C(21)	H(6)	97.34
C(18)	C(21)	H(19)	38.19	H(22A)	C(21)	C(25)	35.14
C(18)	C(21)	H(26)	112.74	H(19)	C(21)	H(26)	85.61
C(18)	C(21)	H(15)	80.89	H(19)	C(21)	H(15)	119.08
C(18)	C(21)	H(17)	37.12	H(19)	C(21)	H(17)	75.31
C(18)	C(21)	H(6)	103.70	H(19)	C(21)	H(6)	117.61
C(18)	C(21)	C(25)	146.6(1)	H(19)	C(21)	C(25)	113.88
C(14)	C(21)	H(11B)	105.11	H(26)	C(21)	H(15)	132.43
C(14)	C(21)	H(22A)	82.03	H(26)	C(21)	H(17)	132.90
C(14)	C(21)	H(19)	156.37	H(26)	C(21)	H(6)	65.94
C(14)	C(21)	H(26)	112.07	H(26)	C(21)	C(25)	34.09
C(14)	C(21)	H(15)	37.33	H(15)	C(21)	H(17)	43.77
C(14)	C(21)	H(17)	81.10	H(15)	C(21)	H(6)	66.56
C(14)	C(21)	H(6)	60.90	H(15)	C(21)	C(25)	122.45
C(14)	C(21)	C(25)	88.41(7)	H(17)	C(21)	H(6)	85.39
H(11B)	C(21)	H(22A)	75.28	H(17)	C(21)	C(25)	155.69
H(11B)	C(21)	H(19)	76.86	H(6)	C(21)	C(25)	70.37
H(11B)	C(21)	H(26)	120.19	H(22B)	C(22)	H(22A)	107.43
H(22B)	C(22)	C(12)	109.66	H(22A)	C(22)	H(28)	82.14
H(22B)	C(22)	C(25)	110.44	H(22A)	C(22)	H(11A)	66.57
H(22B)	C(22)	H(2)	159.06	C(12)	C(22)	C(25)	111.8(2)
H(22B)	C(22)	C(26)	91.39	C(12)	C(22)	H(2)	80.07
H(22B)	C(22)	C(13)	136.48	C(12)	C(22)	C(26)	100.9(1)
H(22B)	C(22)	C(24)	127.44	C(12)	C(22)	C(13)	28.72(8)
H(22B)	C(22)	C(21)	82.86	C(12)	C(22)	C(24)	115.9(1)
H(22B)	C(22)	H(26)	76.28	C(12)	C(22)	C(21)	28.20(8)

H(22B)	C(22)	H(20)	39.97	C(12)	C(22)	H(26)	92.61
H(22B)	C(22)	O(2)	157.98	C(12)	C(22)	H(20)	73.65
H(22B)	C(22)	O(3)	136.07	C(12)	C(22)	O(2)	57.73(9)
H(22B)	C(22)	C(20)	56.32	C(12)	C(22)	O(3)	114.0(1)
H(22B)	C(22)	H(28)	30.80	C(12)	C(22)	C(20)	55.90(9)
H(22B)	C(22)	H(11A)	59.02	C(12)	C(22)	H(28)	136.23
H(22A)	C(22)	C(12)	108.46	C(12)	C(22)	H(11A)	84.18
H(22A)	C(22)	C(25)	108.94	C(25)	C(22)	H(2)	81.28
H(22A)	C(22)	H(2)	51.66	C(25)	C(22)	C(26)	28.38(9)
H(22A)	C(22)	C(26)	136.54	C(25)	C(22)	C(13)	102.2(1)
H(22A)	C(22)	C(13)	87.39	C(25)	C(22)	C(24)	27.85(9)
H(22A)	C(22)	C(24)	82.00	C(25)	C(22)	C(21)	115.6(1)
H(22A)	C(22)	C(21)	126.98	C(25)	C(22)	H(26)	49.03
H(22A)	C(22)	H(26)	155.14	C(25)	C(22)	H(20)	109.76
H(22A)	C(22)	H(20)	136.81	C(25)	C(22)	O(2)	91.49(9)
H(22A)	C(22)	O(2)	65.20	C(25)	C(22)	O(3)	56.9(1)
H(22A)	C(22)	O(3)	53.90	C(25)	C(22)	C(20)	114.2(1)
H(22A)	C(22)	C(20)	136.85	C(25)	C(22)	H(28)	103.71
C(25)	C(22)	H(11A)	163.76	C(13)	C(22)	O(2)	29.03(5)
H(2)	C(22)	C(26)	105.22	C(13)	C(22)	O(3)	85.92(7)
H(2)	C(22)	C(13)	51.36	C(13)	C(22)	C(20)	84.62(9)
H(2)	C(22)	C(24)	57.44	C(13)	C(22)	H(28)	153.94
H(2)	C(22)	C(21)	108.27	C(13)	C(22)	H(11A)	93.26
H(2)	C(22)	H(26)	122.79	C(24)	C(22)	C(21)	132.9(1)
H(2)	C(22)	H(20)	153.68	C(24)	C(22)	H(26)	76.87
H(2)	C(22)	O(2)	22.36	C(24)	C(22)	H(20)	137.52
H(2)	C(22)	O(3)	36.63	C(24)	C(22)	O(2)	73.50(7)
H(2)	C(22)	C(20)	135.95	C(24)	C(22)	O(3)	29.04(6)
H(2)	C(22)	H(28)	131.30	C(24)	C(22)	C(20)	140.8(1)
H(2)	C(22)	H(11A)	105.28	C(24)	C(22)	H(28)	107.51
C(26)	C(22)	C(13)	105.61(9)	C(24)	C(22)	H(11A)	147.20
C(26)	C(22)	C(24)	56.21(8)	C(21)	C(22)	H(26)	77.63
C(26)	C(22)	C(21)	93.3(1)	C(21)	C(22)	H(20)	45.46
C(26)	C(22)	H(26)	20.67	C(21)	C(22)	O(2)	85.92(8)
C(26)	C(22)	H(20)	81.63	C(21)	C(22)	O(3)	141.02(8)
C(26)	C(22)	O(2)	108.17(8)	C(21)	C(22)	C(20)	27.71(6)
C(26)	C(22)	O(3)	85.24(8)	C(21)	C(22)	H(28)	112.25
C(26)	C(22)	C(20)	86.25(9)	C(21)	C(22)	H(11A)	76.94
C(26)	C(22)	H(28)	98.32	H(26)	C(22)	H(20)	61.00
C(26)	C(22)	H(11A)	149.50	H(26)	C(22)	O(2)	119.62
C(13)	C(22)	C(24)	94.47(8)	H(26)	C(22)	O(3)	105.91
C(13)	C(22)	C(21)	56.92(7)	H(26)	C(22)	C(20)	66.19
C(13)	C(22)	H(26)	107.01	H(26)	C(22)	H(28)	91.81
C(13)	C(22)	H(20)	102.37	H(26)	C(22)	H(11A)	130.54
H(20)	C(22)	O(2)	131.31	C(24)	C(23)	C(26)	58.1(1)
H(20)	C(22)	O(3)	165.95	C(24)	C(23)	H(7)	74.29
H(20)	C(22)	C(20)	17.75	C(24)	C(23)	O(4)	74.8(1)
H(20)	C(22)	H(28)	70.76	C(24)	C(23)	C(35)	99.2(1)
H(20)	C(22)	H(11A)	70.90	C(24)	C(23)	H(19)	108.61
O(2)	C(22)	O(3)	58.08(5)	C(24)	C(23)	H(2)	25.97
O(2)	C(22)	C(20)	113.58(9)	C(24)	C(23)	C(37)	138.8(1)
O(2)	C(22)	H(28)	147.04	C(32)	C(23)	C(33)	120.4(2)
O(2)	C(22)	H(11A)	99.99	C(32)	C(23)	H(33A)	144.85
O(3)	C(22)	C(20)	165.09(9)	C(32)	C(23)	H(33B)	99.96
O(3)	C(22)	H(28)	106.48	C(32)	C(23)	O(3)	148.2(1)
O(3)	C(22)	H(11A)	120.45	C(32)	C(23)	C(27)	30.1(1)
C(20)	C(22)	H(28)	86.85	C(32)	C(23)	C(25)	89.5(1)
C(20)	C(22)	H(11A)	71.65	C(32)	C(23)	H(3)	155.50
H(28)	C(22)	H(11A)	60.68	C(32)	C(23)	C(31)	28.0(1)
C(24)	C(23)	C(32)	118.5(2)	C(32)	C(23)	C(36)	109.1(1)
C(24)	C(23)	C(33)	121.1(2)	C(32)	C(23)	H(31)	48.39
C(24)	C(23)	H(33A)	95.76	C(32)	C(23)	C(26)	60.4(1)
C(24)	C(23)	H(33B)	137.81	C(32)	C(23)	H(7)	79.89

C(24)	C(23)	O(3)	29.8(1)	C(32)	C(23)	O(4)	136.3(1)
C(24)	C(23)	C(27)	88.4(1)	C(32)	C(23)	C(35)	119.1(1)
C(24)	C(23)	C(25)	29.0(1)	C(32)	C(23)	H(19)	73.19
C(24)	C(23)	H(3)	55.26	C(32)	C(23)	H(2)	131.06
C(24)	C(23)	C(31)	146.5(1)	C(32)	C(23)	C(37)	94.0(1)
C(24)	C(23)	C(36)	122.0(1)	C(33)	C(23)	H(33A)	26.62
C(24)	C(23)	H(31)	166.74	C(33)	C(23)	H(33B)	26.75
C(33)	C(23)	O(3)	91.3(1)	H(33A)	C(23)	H(19)	89.41
C(33)	C(23)	C(27)	150.5(2)	H(33A)	C(23)	H(2)	83.38
C(33)	C(23)	C(25)	150.1(2)	H(33A)	C(23)	C(37)	60.48
C(33)	C(23)	H(3)	70.66	H(33B)	C(23)	O(3)	110.45
C(33)	C(23)	C(31)	92.4(1)	H(33B)	C(23)	C(27)	128.58
C(33)	C(23)	C(36)	32.44(9)	H(33B)	C(23)	C(25)	159.59
C(33)	C(23)	H(31)	72.07	H(33B)	C(23)	H(3)	95.96
C(33)	C(23)	C(26)	178.9(1)	H(33B)	C(23)	C(31)	73.24
C(33)	C(23)	H(7)	115.38	H(33B)	C(23)	C(36)	51.14
C(33)	C(23)	O(4)	63.0(1)	H(33B)	C(23)	H(31)	53.48
C(33)	C(23)	C(35)	50.43(9)	H(33B)	C(23)	C(26)	154.36
C(33)	C(23)	H(19)	88.70	H(33B)	C(23)	H(7)	132.89
C(33)	C(23)	H(2)	103.82	H(33B)	C(23)	O(4)	89.67
C(33)	C(23)	C(37)	35.9(1)	H(33B)	C(23)	C(35)	74.12
H(33A)	C(23)	H(33B)	44.98	H(33B)	C(23)	H(19)	64.76
H(33A)	C(23)	O(3)	66.42	H(33B)	C(23)	H(2)	128.15
H(33A)	C(23)	C(27)	171.54	H(33B)	C(23)	C(37)	44.37
H(33A)	C(23)	C(25)	124.41	O(3)	C(23)	C(27)	118.1(1)
H(33A)	C(23)	H(3)	52.87	O(3)	C(23)	C(25)	58.79(8)
H(33A)	C(23)	C(31)	117.34	O(3)	C(23)	H(3)	30.78
H(33A)	C(23)	C(36)	51.06	O(3)	C(23)	C(31)	176.2(1)
H(33A)	C(23)	H(31)	96.97	O(3)	C(23)	C(36)	97.29(8)
H(33A)	C(23)	C(26)	152.82	O(3)	C(23)	H(31)	163.34
H(33A)	C(23)	H(7)	119.69	O(3)	C(23)	C(26)	87.82(8)
H(33A)	C(23)	O(4)	56.82	O(3)	C(23)	H(7)	85.82
H(33A)	C(23)	C(35)	57.31	O(3)	C(23)	O(4)	55.05(5)
O(3)	C(23)	C(35)	79.21(7)	C(25)	C(23)	C(37)	153.67(9)
O(3)	C(23)	H(19)	111.38	H(3)	C(23)	C(31)	151.36
O(3)	C(23)	H(2)	24.08	H(3)	C(23)	C(36)	67.55
O(3)	C(23)	C(37)	113.98(7)	H(3)	C(23)	H(31)	137.06
C(27)	C(23)	C(25)	59.37(8)	H(3)	C(23)	C(26)	108.28
C(27)	C(23)	H(3)	134.81	H(3)	C(23)	H(7)	75.63
C(27)	C(23)	C(31)	58.10(8)	H(3)	C(23)	O(4)	24.93
C(27)	C(23)	C(36)	131.9(1)	H(3)	C(23)	C(35)	48.48
C(27)	C(23)	H(31)	78.50	H(3)	C(23)	H(19)	130.90
C(27)	C(23)	C(26)	30.33(7)	H(3)	C(23)	H(2)	33.24
C(27)	C(23)	H(7)	68.52	H(3)	C(23)	C(37)	84.50
C(27)	C(23)	O(4)	131.57(9)	C(31)	C(23)	C(36)	85.68(9)
C(27)	C(23)	C(35)	129.33(9)	C(31)	C(23)	H(31)	20.44
C(27)	C(23)	H(19)	82.28	C(31)	C(23)	C(26)	88.42(9)
C(27)	C(23)	H(2)	103.26	C(31)	C(23)	H(7)	92.20
C(27)	C(23)	C(37)	120.1(1)	C(31)	C(23)	O(4)	126.69(8)
C(25)	C(23)	H(3)	81.73	C(31)	C(23)	C(35)	102.91(8)
C(25)	C(23)	C(31)	117.5(1)	C(31)	C(23)	H(19)	69.13
C(25)	C(23)	C(36)	141.9(1)	C(31)	C(23)	H(2)	153.42
C(25)	C(23)	H(31)	137.78	C(31)	C(23)	C(37)	69.13(7)
C(25)	C(23)	C(26)	29.04(7)	C(36)	C(23)	H(31)	69.58
C(25)	C(23)	H(7)	66.38	C(36)	C(23)	C(26)	147.0(1)
C(25)	C(23)	O(4)	95.98(8)	C(36)	C(23)	H(7)	83.97
C(25)	C(23)	C(35)	116.98(9)	C(36)	C(23)	O(4)	47.62(6)
C(25)	C(23)	H(19)	101.46	C(36)	C(23)	C(35)	24.92(6)
C(25)	C(23)	H(2)	48.82	C(36)	C(23)	H(19)	115.53
C(36)	C(23)	H(2)	96.76	C(35)	C(23)	C(37)	40.07(6)
C(36)	C(23)	C(37)	16.96(6)	H(19)	C(23)	H(2)	131.09
H(31)	C(23)	C(26)	108.79	H(19)	C(23)	C(37)	104.52
H(31)	C(23)	H(7)	102.37	H(2)	C(23)	C(37)	113.16

H(31)	C(23)	O(4)	115.61	C(23)	C(24)	O(3)	120.7(2)
H(31)	C(23)	C(35)	90.83	C(23)	C(24)	C(25)	122.9(2)
H(31)	C(23)	H(19)	67.88	C(23)	C(24)	H(3)	90.77
H(31)	C(23)	H(2)	160.98	C(23)	C(24)	C(26)	92.6(1)
H(31)	C(23)	C(37)	52.62	C(23)	C(24)	C(32)	31.4(1)
C(26)	C(23)	H(7)	63.85	C(23)	C(24)	H(2)	139.65
C(26)	C(23)	O(4)	115.86(8)	C(23)	C(24)	C(33)	31.1(1)
C(26)	C(23)	C(35)	128.65(9)	C(23)	C(24)	C(22)	152.8(1)
C(26)	C(23)	H(19)	92.28	C(23)	C(24)	H(33A)	52.12
C(26)	C(23)	H(2)	75.13	C(23)	C(24)	H(22A)	172.92
C(26)	C(23)	C(37)	144.06(9)	C(23)	C(24)	C(27)	61.9(1)
H(7)	C(23)	O(4)	63.28	C(23)	C(24)	H(7)	79.53
H(7)	C(23)	C(35)	65.79	C(23)	C(24)	O(4)	79.7(1)
H(7)	C(23)	H(19)	150.67	C(23)	C(24)	H(33B)	25.41
H(7)	C(23)	H(2)	61.93	C(23)	C(24)	O(2)	134.9(1)
H(7)	C(23)	C(37)	88.52	C(23)	C(24)	H(26)	100.42
O(4)	C(23)	C(35)	24.79(5)	C(23)	C(24)	H(22B)	144.66
O(4)	C(23)	H(19)	146.05	C(23)	C(24)	C(36)	38.48(9)
O(4)	C(23)	H(2)	49.17	C(23)	C(24)	C(12)	143.3(1)
O(4)	C(23)	C(37)	64.05(5)	O(3)	C(24)	C(25)	116.5(2)
C(35)	C(23)	H(19)	138.74	O(3)	C(24)	H(3)	39.14
C(35)	C(23)	H(2)	73.27	O(3)	C(24)	C(26)	146.7(1)
O(3)	C(24)	C(32)	152.0(1)	C(25)	C(24)	H(33B)	144.12
O(3)	C(24)	H(2)	43.27	C(25)	C(24)	O(2)	77.4(1)
O(3)	C(24)	C(33)	89.6(1)	C(25)	C(24)	H(26)	22.46
O(3)	C(24)	C(22)	86.5(1)	C(25)	C(24)	H(22B)	25.62
O(3)	C(24)	H(33A)	69.10	C(25)	C(24)	C(36)	146.6(1)
O(3)	C(24)	H(22A)	65.41	C(25)	C(24)	C(12)	36.4(1)
O(3)	C(24)	C(27)	176.9(1)	H(3)	C(24)	C(26)	151.64
O(3)	C(24)	H(7)	112.33	H(3)	C(24)	C(32)	118.15
O(3)	C(24)	O(4)	58.77(8)	H(3)	C(24)	H(2)	53.62
O(3)	C(24)	H(33B)	97.75	H(3)	C(24)	C(33)	63.44
O(3)	C(24)	O(2)	57.6(1)	H(3)	C(24)	C(22)	112.68
O(3)	C(24)	H(26)	138.91	H(3)	C(24)	H(33A)	50.97
O(3)	C(24)	H(22B)	93.21	H(3)	C(24)	H(22A)	96.28
O(3)	C(24)	C(36)	88.57(9)	H(3)	C(24)	C(27)	141.29
O(3)	C(24)	C(12)	88.0(1)	H(3)	C(24)	H(7)	83.45
C(25)	C(24)	H(3)	137.61	H(3)	C(24)	O(4)	20.43
C(25)	C(24)	C(26)	30.3(1)	H(3)	C(24)	H(33B)	76.38
C(25)	C(24)	C(32)	91.5(1)	H(3)	C(24)	O(2)	60.21
C(25)	C(24)	H(2)	84.98	H(3)	C(24)	H(26)	150.21
C(25)	C(24)	C(33)	154.0(2)	H(3)	C(24)	H(22B)	124.17
C(25)	C(24)	C(22)	30.0(1)	H(3)	C(24)	C(36)	53.10
C(25)	C(24)	H(33A)	171.31	H(3)	C(24)	C(12)	101.25
C(25)	C(24)	H(22A)	51.26	C(26)	C(24)	C(32)	61.20(8)
C(25)	C(24)	C(27)	60.9(1)	C(26)	C(24)	H(2)	110.24
C(25)	C(24)	H(7)	78.98	C(26)	C(24)	C(33)	123.7(1)
C(25)	C(24)	O(4)	133.3(1)	C(26)	C(24)	C(22)	60.22(8)
C(26)	C(24)	H(33A)	143.98	H(2)	C(24)	C(22)	59.36
C(26)	C(24)	H(22A)	81.51	H(2)	C(24)	H(33A)	103.12
C(26)	C(24)	C(27)	30.67(7)	H(2)	C(24)	H(22A)	47.04
C(26)	C(24)	H(7)	69.54	H(2)	C(24)	C(27)	133.66
C(26)	C(24)	O(4)	134.3(1)	H(2)	C(24)	H(7)	78.20
C(26)	C(24)	H(33B)	115.11	H(2)	C(24)	O(4)	60.43
C(26)	C(24)	O(2)	98.89(9)	H(2)	C(24)	H(33B)	129.99
C(26)	C(24)	H(26)	7.82	H(2)	C(24)	O(2)	14.83
C(26)	C(24)	H(22B)	54.54	H(2)	C(24)	H(26)	103.92
C(26)	C(24)	C(36)	121.2(1)	H(2)	C(24)	H(22B)	71.88
C(26)	C(24)	C(12)	61.18(7)	H(2)	C(24)	C(36)	101.96
C(32)	C(24)	H(2)	148.22	H(2)	C(24)	C(12)	49.52
C(32)	C(24)	C(33)	62.48(8)	C(33)	C(24)	C(22)	176.0(1)
C(32)	C(24)	C(22)	121.4(1)	C(33)	C(24)	H(33A)	21.78
C(32)	C(24)	H(33A)	83.28	C(33)	C(24)	H(22A)	154.62

C(32)	C(24)	H(22A)	142.50	C(33)	C(24)	C(27)	93.0(1)
C(32)	C(24)	C(27)	30.54(6)	C(33)	C(24)	H(7)	91.27
C(32)	C(24)	H(7)	70.14	C(33)	C(24)	O(4)	58.99(6)
C(32)	C(24)	O(4)	102.04(8)	C(33)	C(24)	H(33B)	14.02
C(32)	C(24)	H(33B)	55.15	C(33)	C(24)	O(2)	120.17(7)
C(32)	C(24)	O(2)	134.50(9)	C(33)	C(24)	H(26)	131.50
C(32)	C(24)	H(26)	69.01	C(33)	C(24)	H(22B)	168.73
C(32)	C(24)	H(22B)	114.36	C(33)	C(24)	C(36)	22.67(6)
C(32)	C(24)	C(36)	65.44(7)	C(33)	C(24)	C(12)	156.09(8)
C(32)	C(24)	C(12)	116.94(9)	C(22)	C(24)	H(33A)	154.75
H(2)	C(24)	C(33)	116.87	C(22)	C(24)	H(22A)	21.73
C(22)	C(24)	C(27)	90.88(8)	H(22A)	C(24)	C(36)	148.56
C(22)	C(24)	H(7)	89.32	H(22A)	C(24)	C(12)	35.43
C(22)	C(24)	O(4)	117.84(9)	C(27)	C(24)	H(7)	65.86
C(22)	C(24)	H(33B)	168.76	C(27)	C(24)	O(4)	121.30(8)
C(22)	C(24)	O(2)	56.66(6)	C(27)	C(24)	H(33B)	85.14
C(22)	C(24)	H(26)	52.41	C(27)	C(24)	O(2)	119.41(8)
C(22)	C(24)	H(22B)	13.66	C(27)	C(24)	H(26)	38.49
C(22)	C(24)	C(36)	155.87(9)	C(27)	C(24)	H(22B)	84.58
C(22)	C(24)	C(12)	22.84(5)	C(27)	C(24)	C(36)	93.14(8)
H(33A)	C(24)	H(22A)	133.02	C(27)	C(24)	C(12)	88.88(7)
H(33A)	C(24)	C(27)	113.70	H(7)	C(24)	O(4)	64.73
H(33A)	C(24)	H(7)	105.53	H(7)	C(24)	H(33B)	98.58
H(33A)	C(24)	O(4)	54.98	H(7)	C(24)	O(2)	64.46
H(33A)	C(24)	H(33B)	28.90	H(7)	C(24)	H(26)	71.76
H(33A)	C(24)	O(2)	111.18	H(7)	C(24)	H(22B)	97.74
H(33A)	C(24)	H(26)	151.54	H(7)	C(24)	C(36)	70.81
H(33A)	C(24)	H(22B)	154.74	H(7)	C(24)	C(12)	67.82
H(33A)	C(24)	C(36)	35.35	O(4)	C(24)	H(33B)	73.01
H(33A)	C(24)	C(12)	152.17	O(4)	C(24)	O(2)	61.20(5)
H(22A)	C(24)	C(27)	112.13	O(4)	C(24)	H(26)	135.77
H(22A)	C(24)	H(7)	101.88	O(4)	C(24)	H(22B)	131.31
H(22A)	C(24)	O(4)	107.23	O(4)	C(24)	C(36)	41.53(5)
H(22A)	C(24)	H(33B)	157.33	O(4)	C(24)	C(12)	99.99(7)
H(22A)	C(24)	O(2)	50.63	H(33B)	C(24)	O(2)	134.17
H(22A)	C(24)	H(26)	73.69	H(33B)	C(24)	H(26)	122.64
H(22A)	C(24)	H(22B)	28.50	H(33B)	C(24)	H(22B)	155.15
H(33B)	C(24)	C(36)	35.21	C(26)	C(25)	O(2)	134.7(1)
H(33B)	C(24)	C(12)	166.39	C(26)	C(25)	C(21)	86.5(1)
O(2)	C(24)	H(26)	93.50	C(26)	C(25)	H(20)	73.76
O(2)	C(24)	H(22B)	70.21	C(26)	C(25)	H(26)	67.22
O(2)	C(24)	C(36)	101.17(6)	C(24)	C(25)	C(22)	122.2(2)
O(2)	C(24)	C(12)	41.07(5)	C(24)	C(25)	H(26)	141.79
H(26)	C(24)	H(22B)	46.88	C(24)	C(25)	H(22A)	96.16
H(26)	C(24)	C(36)	128.26	C(24)	C(25)	H(22B)	137.08
H(26)	C(24)	C(12)	54.48	C(24)	C(25)	O(3)	31.3(1)
H(22B)	C(24)	C(36)	168.15	C(24)	C(25)	C(27)	88.4(1)
H(22B)	C(24)	C(12)	35.09	C(24)	C(25)	C(23)	28.1(1)
C(36)	C(24)	C(12)	133.44(7)	C(24)	C(25)	C(12)	124.0(1)
C(26)	C(25)	C(24)	118.1(2)	C(24)	C(25)	H(2)	63.48
C(26)	C(25)	C(22)	119.7(2)	C(24)	C(25)	C(32)	58.4(1)
C(26)	C(25)	H(26)	23.74	C(24)	C(25)	H(7)	74.00
C(26)	C(25)	H(22A)	145.63	C(24)	C(25)	C(13)	100.7(1)
C(26)	C(25)	H(22B)	101.69	C(24)	C(25)	H(3)	25.09
C(26)	C(25)	O(3)	149.3(1)	C(24)	C(25)	O(2)	77.2(1)
C(26)	C(25)	C(27)	29.7(1)	C(24)	C(25)	C(21)	142.7(1)
C(26)	C(25)	C(23)	90.0(1)	C(24)	C(25)	H(20)	167.98
C(26)	C(25)	C(12)	105.0(1)	C(24)	C(25)	H(26)	119.76
C(26)	C(25)	H(2)	150.77	C(22)	C(25)	H(26)	95.99
C(26)	C(25)	C(32)	59.6(1)	C(22)	C(25)	H(22A)	26.79
C(26)	C(25)	H(7)	79.26	C(22)	C(25)	H(22B)	26.03
C(26)	C(25)	C(13)	115.9(1)	C(22)	C(25)	O(3)	90.9(1)
C(26)	C(25)	H(3)	133.83	C(22)	C(25)	C(27)	149.3(1)

C (22)	C (25)	C (23)	150.2 (1)	H (22A)	C (25)	H (22B)	44.77
C (22)	C (25)	C (12)	34.1 (1)	H (22A)	C (25)	O (3)	65.01
C (22)	C (25)	H (2)	65.01	H (22A)	C (25)	C (27)	174.25
C (22)	C (25)	C (32)	178.0 (1)	H (22A)	C (25)	C (23)	124.13
C (22)	C (25)	H (7)	113.69	H (22A)	C (25)	C (12)	52.13
C (22)	C (25)	C (13)	50.04 (9)	H (22A)	C (25)	H (2)	47.96
C (22)	C (25)	H (3)	102.19	H (22A)	C (25)	C (32)	154.24
C (22)	C (25)	O (2)	60.48 (9)	H (22A)	C (25)	H (7)	115.84
C (22)	C (25)	C (21)	41.4 (1)	H (22A)	C (25)	C (13)	55.63
C (22)	C (25)	H (20)	46.27	H (22A)	C (25)	H (3)	79.30
C (22)	C (25)	H (26)	85.89	H (22A)	C (25)	O (2)	52.39
H (26)	C (25)	H (22A)	121.95	H (22A)	C (25)	C (21)	65.80
H (26)	C (25)	H (22B)	78.83	H (22A)	C (25)	H (20)	71.93
H (26)	C (25)	O (3)	173.04	H (22A)	C (25)	H (26)	94.09
H (26)	C (25)	C (27)	53.42	H (22B)	C (25)	O (3)	108.04
H (26)	C (25)	C (23)	113.71	H (22B)	C (25)	C (27)	129.73
H (26)	C (25)	C (12)	85.94	H (22B)	C (25)	C (23)	159.08
H (26)	C (25)	H (2)	144.91	H (22B)	C (25)	C (12)	52.20
H (26)	C (25)	C (32)	83.35	H (22B)	C (25)	H (2)	89.92
H (26)	C (25)	H (7)	90.03	H (22B)	C (25)	C (32)	154.94
H (26)	C (25)	C (13)	103.04	H (22B)	C (25)	H (7)	132.48
H (26)	C (25)	H (3)	154.20	H (22B)	C (25)	C (13)	73.53
H (26)	C (25)	O (2)	126.77	H (22B)	C (25)	H (3)	124.04
H (26)	C (25)	C (21)	66.25	H (22B)	C (25)	O (2)	86.49
H (26)	C (25)	H (20)	50.03	H (22B)	C (25)	C (21)	48.35
H (26)	C (25)	H (26)	59.80	H (22B)	C (25)	H (20)	31.32
H (22B)	C (25)	H (26)	60.32	C (23)	C (25)	C (32)	30.36 (7)
O (3)	C (25)	C (27)	119.67 (9)	C (23)	C (25)	H (7)	66.42
O (3)	C (25)	C (23)	59.39 (7)	C (23)	C (25)	C (13)	116.99 (8)
O (3)	C (25)	C (12)	99.17 (9)	C (23)	C (25)	H (3)	49.24
O (3)	C (25)	H (2)	38.61	C (23)	C (25)	O (2)	97.64 (7)
O (3)	C (25)	C (32)	89.75 (8)	C (23)	C (25)	C (21)	151.13 (9)
O (3)	C (25)	H (7)	86.10	C (23)	C (25)	H (20)	163.44
O (3)	C (25)	C (13)	80.48 (7)	C (23)	C (25)	H (26)	110.15
O (3)	C (25)	H (3)	20.48	C (12)	C (25)	H (2)	61.55
O (3)	C (25)	O (2)	56.18 (6)	C (12)	C (25)	C (32)	143.9 (1)
O (3)	C (25)	C (21)	119.04 (9)	C (12)	C (25)	H (7)	81.27
O (3)	C (25)	H (20)	136.92	C (12)	C (25)	C (13)	24.54 (5)
O (3)	C (25)	H (26)	122.15	C (12)	C (25)	H (3)	98.96
C (27)	C (25)	C (23)	60.30 (8)	C (12)	C (25)	O (2)	46.89 (6)
C (27)	C (25)	C (12)	127.6 (1)	C (12)	C (25)	C (21)	19.91 (6)
C (27)	C (25)	H (2)	137.74	C (12)	C (25)	H (20)	49.84
C (27)	C (25)	C (32)	29.95 (6)	C (12)	C (25)	H (26)	108.60
C (27)	C (25)	H (7)	68.79	H (2)	C (25)	C (32)	114.55
C (27)	C (25)	C (13)	127.02 (9)	H (2)	C (25)	H (7)	73.25
C (27)	C (25)	H (3)	106.12	H (2)	C (25)	C (13)	41.96
C (27)	C (25)	O (2)	132.50 (8)	H (2)	C (25)	H (3)	39.10
C (27)	C (25)	C (21)	112.31 (9)	H (2)	C (25)	O (2)	18.29
C (27)	C (25)	H (20)	103.40	H (2)	C (25)	C (21)	81.38
C (27)	C (25)	H (26)	80.56	H (2)	C (25)	H (20)	107.63
C (23)	C (25)	C (12)	141.25 (9)	H (2)	C (25)	H (26)	140.03
C (23)	C (25)	H (2)	88.04	C (32)	C (25)	H (7)	64.41
C (32)	C (25)	C (13)	128.19 (7)	H (20)	C (25)	H (26)	61.05
C (32)	C (25)	H (3)	77.83	H (26)	C (26)	C (25)	120.08
C (32)	C (25)	O (2)	118.42 (6)	H (26)	C (26)	C (27)	118.00
C (32)	C (25)	C (21)	136.76 (9)	H (26)	C (26)	C (24)	151.74
C (32)	C (25)	H (20)	133.25	H (26)	C (26)	C (32)	148.26
C (32)	C (25)	H (26)	95.43	H (26)	C (26)	C (28)	88.52
H (7)	C (25)	C (13)	64.24	H (26)	C (26)	C (22)	88.21
H (7)	C (25)	H (3)	65.99	H (26)	C (26)	H (28)	68.03
H (7)	C (25)	O (2)	63.75	H (26)	C (26)	H (22B)	72.96
H (7)	C (25)	C (21)	84.78	H (26)	C (26)	C (23)	178.23
H (7)	C (25)	H (20)	112.26	H (26)	C (26)	H (7)	119.32

H(7)	C(25)	H(26)	146.41	H(26)	C(26)	C(12)	78.11
C(13)	C(25)	H(3)	75.89	H(26)	C(26)	H(22A)	99.38
C(13)	C(25)	O(2)	24.54(4)	H(26)	C(26)	H(26)	69.48
C(13)	C(25)	C(21)	42.02(5)	H(26)	C(26)	H(20)	101.10
C(13)	C(25)	H(20)	74.23	H(26)	C(26)	H(22B)	67.31
C(13)	C(25)	H(26)	132.61	H(26)	C(26)	H(20)	36.53
H(3)	C(25)	O(2)	52.10	H(26)	C(26)	C(7)	110.07
H(3)	C(25)	C(21)	117.87	C(25)	C(26)	C(27)	121.9(2)
H(3)	C(25)	H(20)	146.73	C(25)	C(26)	C(24)	31.7(1)
H(3)	C(25)	H(26)	139.05	C(25)	C(26)	C(32)	91.6(1)
O(2)	C(25)	C(21)	65.94(6)	C(25)	C(26)	C(28)	151.4(1)
O(2)	C(25)	H(20)	96.12	C(25)	C(26)	C(22)	31.9(1)
O(2)	C(25)	H(26)	145.45	C(25)	C(26)	H(28)	171.67
C(21)	C(25)	H(20)	33.78	C(25)	C(26)	H(22B)	48.61
C(21)	C(25)	H(26)	94.82	C(25)	C(26)	C(23)	61.0(1)
C(25)	C(26)	H(7)	75.27	C(24)	C(26)	H(28)	140.23
C(25)	C(26)	C(12)	50.3(1)	C(24)	C(26)	H(22B)	79.30
C(25)	C(26)	H(22A)	20.77	C(24)	C(26)	C(23)	29.31(7)
C(25)	C(26)	H(26)	90.49	C(24)	C(26)	H(7)	64.59
C(25)	C(26)	H(20)	105.29	C(24)	C(26)	C(12)	77.25(8)
C(25)	C(26)	H(22B)	132.42	C(24)	C(26)	H(22A)	52.36
C(25)	C(26)	H(20)	83.58	C(24)	C(26)	H(26)	102.12
C(25)	C(26)	C(7)	89.2(1)	C(24)	C(26)	H(20)	91.17
C(27)	C(26)	C(24)	90.2(1)	C(24)	C(26)	H(22B)	126.66
C(27)	C(26)	C(32)	30.3(1)	C(24)	C(26)	H(20)	115.21
C(27)	C(26)	C(28)	29.5(1)	C(24)	C(26)	C(7)	77.95(7)
C(27)	C(26)	C(22)	153.8(1)	C(32)	C(26)	C(28)	59.86(8)
C(27)	C(26)	H(28)	50.08	C(32)	C(26)	C(22)	123.5(1)
C(27)	C(26)	H(22B)	163.27	C(32)	C(26)	H(28)	80.40
C(27)	C(26)	C(23)	60.9(1)	C(32)	C(26)	H(22B)	137.01
C(27)	C(26)	H(7)	78.29	C(32)	C(26)	C(23)	30.62(7)
C(27)	C(26)	C(12)	149.7(1)	C(32)	C(26)	H(7)	67.78
C(27)	C(26)	H(22A)	142.50	C(32)	C(26)	C(12)	130.00(8)
C(27)	C(26)	H(26)	108.43	C(32)	C(26)	H(22A)	112.19
C(27)	C(26)	H(20)	61.56	C(32)	C(26)	H(26)	111.39
C(27)	C(26)	H(22B)	71.03	C(32)	C(26)	H(20)	65.44
C(27)	C(26)	H(20)	154.37	C(32)	C(26)	H(22B)	90.48
C(27)	C(26)	C(7)	72.4(1)	C(32)	C(26)	H(20)	173.92
C(24)	C(26)	C(32)	59.93(8)	C(32)	C(26)	C(7)	69.36(7)
C(24)	C(26)	C(28)	119.7(1)	C(28)	C(26)	C(22)	175.6(1)
C(24)	C(26)	C(22)	63.58(9)	C(28)	C(26)	H(28)	20.54
C(28)	C(26)	H(22B)	158.14	H(28)	C(26)	H(26)	94.53
C(28)	C(26)	C(23)	90.45(9)	H(28)	C(26)	H(20)	73.52
C(28)	C(26)	H(7)	90.78	H(28)	C(26)	H(22B)	50.60
C(28)	C(26)	C(12)	147.9(1)	H(28)	C(26)	H(20)	104.56
C(28)	C(26)	H(22A)	172.02	H(28)	C(26)	C(7)	85.90
C(28)	C(26)	H(26)	101.16	H(22B)	C(26)	C(23)	107.75
C(28)	C(26)	H(20)	66.31	H(22B)	C(26)	H(7)	108.23
C(28)	C(26)	H(22B)	56.07	H(22B)	C(26)	C(12)	40.16
C(28)	C(26)	H(20)	125.03	H(22B)	C(26)	H(22A)	28.43
C(28)	C(26)	C(7)	79.47(8)	H(22B)	C(26)	H(26)	61.91
C(22)	C(26)	H(28)	155.85	H(22B)	C(26)	H(20)	105.25
C(22)	C(26)	H(22B)	21.02	H(22B)	C(26)	H(22B)	104.80
C(22)	C(26)	C(23)	92.89(9)	H(22B)	C(26)	H(20)	37.22
C(22)	C(26)	H(7)	88.27	H(22B)	C(26)	C(7)	117.35
C(22)	C(26)	C(12)	28.15(6)	C(23)	C(26)	H(7)	62.12
C(22)	C(26)	H(22A)	11.88	C(23)	C(26)	C(12)	103.49(8)
C(22)	C(26)	H(26)	80.40	C(23)	C(26)	H(22A)	81.63
C(22)	C(26)	H(20)	117.24	C(23)	C(26)	H(26)	109.33
C(22)	C(26)	H(22B)	124.97	C(23)	C(26)	H(20)	77.17
C(22)	C(26)	H(20)	51.84	C(23)	C(26)	H(22B)	110.92
C(22)	C(26)	C(7)	98.92(8)	C(23)	C(26)	H(20)	144.42
H(28)	C(26)	H(22B)	139.71	C(23)	C(26)	C(7)	71.14(6)

H(28)	C(26)	C(23)	110.97	H(7)	C(26)	C(12)	71.39
H(28)	C(26)	H(7)	99.38	H(7)	C(26)	H(22A)	86.37
H(28)	C(26)	C(12)	134.54	H(7)	C(26)	H(26)	165.62
H(28)	C(26)	H(22A)	167.40	H(7)	C(26)	H(20)	133.21
H(7)	C(26)	H(22B)	146.75	C(32)	C(27)	H(26)	143.06
H(7)	C(26)	H(20)	114.25	C(32)	C(27)	H(28)	143.01
H(7)	C(26)	C(7)	14.17	C(32)	C(27)	C(29)	90.7(1)
C(12)	C(26)	H(22A)	37.10	C(32)	C(27)	C(31)	31.5(1)
C(12)	C(26)	H(26)	101.22	C(32)	C(27)	C(25)	90.8(1)
C(12)	C(26)	H(20)	144.66	C(32)	C(27)	C(23)	30.5(1)
C(12)	C(26)	H(22B)	138.13	C(32)	C(27)	C(30)	60.5(1)
C(12)	C(26)	H(20)	48.49	C(32)	C(27)	C(24)	60.2(1)
C(12)	C(26)	C(7)	77.99(6)	C(32)	C(27)	H(20)	87.94
H(22A)	C(26)	H(26)	80.72	C(32)	C(27)	H(7)	76.99
H(22A)	C(26)	H(20)	110.62	C(32)	C(27)	H(22B)	125.06
H(22A)	C(26)	H(22B)	126.08	C(32)	C(27)	H(31)	23.35
H(22A)	C(26)	H(20)	62.85	C(32)	C(27)	H(29)	99.25
H(22A)	C(26)	C(7)	98.72	C(32)	C(27)	C(7)	83.4(1)
H(26)	C(26)	H(20)	48.20	C(28)	C(27)	C(26)	120.9(2)
H(26)	C(26)	H(22B)	45.38	C(28)	C(27)	H(26)	97.05
H(26)	C(26)	H(20)	65.11	C(28)	C(27)	H(28)	23.14
H(26)	C(26)	C(7)	179.18	C(28)	C(27)	C(29)	29.2(1)
H(20)	C(26)	H(22B)	35.76	C(28)	C(27)	C(31)	88.4(1)
H(20)	C(26)	H(20)	112.24	C(28)	C(27)	C(25)	149.2(1)
H(20)	C(26)	C(7)	132.61	C(28)	C(27)	C(23)	150.3(2)
H(22B)	C(26)	H(20)	90.07	C(28)	C(27)	C(30)	59.4(1)
H(22B)	C(26)	C(7)	135.20	C(28)	C(27)	C(24)	177.6(1)
H(20)	C(26)	C(7)	114.11	C(28)	C(27)	H(20)	89.80
C(32)	C(27)	C(28)	119.9(2)	C(28)	C(27)	H(7)	117.10
C(32)	C(27)	C(26)	119.2(2)	C(28)	C(27)	H(22B)	63.07
C(28)	C(27)	H(31)	96.61	H(26)	C(27)	H(22B)	69.43
C(28)	C(27)	H(29)	20.63	H(26)	C(27)	H(31)	166.10
C(28)	C(27)	C(7)	101.4(1)	H(26)	C(27)	H(29)	117.68
C(26)	C(27)	H(26)	23.87	H(26)	C(27)	C(7)	90.25
C(26)	C(27)	H(28)	97.74	H(28)	C(27)	C(29)	52.34
C(26)	C(27)	C(29)	150.1(1)	H(28)	C(27)	C(31)	111.57
C(26)	C(27)	C(31)	150.7(2)	H(28)	C(27)	C(25)	126.12
C(26)	C(27)	C(25)	28.4(1)	H(28)	C(27)	C(23)	173.04
C(26)	C(27)	C(23)	88.7(1)	H(28)	C(27)	C(30)	82.58
C(26)	C(27)	C(30)	178.8(2)	H(28)	C(27)	C(24)	156.66
C(26)	C(27)	C(24)	59.1(1)	H(28)	C(27)	H(20)	91.42
C(26)	C(27)	H(20)	93.15	H(28)	C(27)	H(7)	114.10
C(26)	C(27)	H(7)	75.54	H(28)	C(27)	H(22B)	55.55
C(26)	C(27)	H(22B)	84.25	H(28)	C(27)	H(31)	119.75
C(26)	C(27)	H(31)	142.50	H(28)	C(27)	H(29)	43.77
C(26)	C(27)	H(29)	141.51	H(28)	C(27)	C(7)	100.31
C(26)	C(27)	C(7)	84.2(1)	C(29)	C(27)	C(31)	59.23(9)
H(26)	C(27)	H(28)	73.93	C(29)	C(27)	C(25)	178.1(1)
H(26)	C(27)	C(29)	126.24	C(29)	C(27)	C(23)	121.2(1)
H(26)	C(27)	C(31)	174.18	C(29)	C(27)	C(30)	30.25(8)
H(26)	C(27)	C(25)	52.29	C(29)	C(27)	C(24)	150.8(1)
H(26)	C(27)	C(23)	112.61	C(29)	C(27)	H(20)	87.95
H(26)	C(27)	C(30)	156.32	C(29)	C(27)	H(7)	114.13
H(26)	C(27)	C(24)	82.96	C(29)	C(27)	H(22B)	77.99
H(26)	C(27)	H(20)	91.95	C(29)	C(27)	H(31)	67.41
H(26)	C(27)	H(7)	87.16	C(29)	C(27)	H(29)	8.58
C(29)	C(27)	C(7)	100.05(9)	C(23)	C(27)	H(29)	129.71
C(31)	C(27)	C(25)	122.3(1)	C(23)	C(27)	C(7)	77.72(7)
C(31)	C(27)	C(23)	61.99(9)	C(30)	C(27)	C(24)	120.65(9)
C(31)	C(27)	C(30)	29.01(8)	C(30)	C(27)	H(20)	85.64
C(31)	C(27)	C(24)	91.64(9)	C(30)	C(27)	H(7)	105.44
C(31)	C(27)	H(20)	86.10	C(30)	C(27)	H(22B)	94.96
C(31)	C(27)	H(7)	92.08	C(30)	C(27)	H(31)	37.17