Table to be deposited

Table S1. Atomic coordinates ($\times 10^4$; $\times 10^5$ for Os, Cl and P atoms) and equivalent isotropic displacement parameters ($Å^2 \times 10^3$; $\times 10^4$ for Os and P atoms) for $OsH_2Cl\{\kappa\text{-}N, \kappa\text{-}O[ON=(C_6H_{10})]\}(P^iPr_3)_2$ (**2**).

Atom	X/*a*	Y/*b*	Z/*c*	U_{eq}[a]
Os(1)	27430(1)	50489(1)	33422(1)	131(1)
O(1)	1208(3)	5030(3)	2881(1)	18(1)
N(1)	1567(3)	4134(4)	3382(2)	12(1)
C(1)	1091(4)	3225(5)	3608(2)	17(1)
C(2)	78(4)	3043(5)	3331(2)	23(1)
C(3)	-443(5)	2885(6)	3876(3)	26(1)
C(4)	19(5)	1754(6)	4367(3)	32(2)
C(5)	1023(5)	2107(6)	4684(2)	28(1)
C(6)	1572(4)	2251(5)	4159(2)	24(1)
Cl(1)	32311(11)	68536(11)	27068(6)	279(4)
P(1)	26719(10)	67086(12)	41808(5)	144(3)
C(11)	2842(4)	5875(5)	5013(2)	18(1)
C(12)	2638(5)	6781(6)	5567(2)	29(1)
C(13)	3777(4)	5172(6)	5254(2)	29(1)
C(14)	3507(4)	8199(5)	4234(2)	20(1)
C(15)	3460(5)	9361(5)	4732(3)	29(2)
C(16)	4501(4)	7758(6)	4306(3)	35(2)
C(17)	1558(4)	7665(5)	4081(2)	18(1)
C(18)	1287(4)	8409(5)	3410(2)	27(1)
C(19)	764(4)	6698(5)	4154(2)	25(1)
P(2)	30483(10)	33529(11)	25879(5)	142(3)
C(21)	2364(4)	1715(4)	2546(2)	17(1)
C(22)	2765(4)	396(5)	2292(2)	26(1)
C(23)	1358(4)	1898(5)	2167(2)	23(1)
C(24)	2924(4)	4027(5)	1733(2)	20(1)
C(25)	3182(4)	3020(5)	1236(2)	29(2)
C(26)	1986(5)	4709(5)	1443(2)	27(1)
C(27)	4265(4)	2717(5)	2815(2)	18(1)
C(28)	4956(5)	3891(5)	2790(3)	30(2)
C(29)	4508(4)	2004(5)	3496(2)	28(2)

[a] Equivalent isotropic *U* defined as one third of the trace of the orthogonalized *Uij* tensor.

Table to be deposited

Table S2. Anisotropic displacement coefficients U_{ij} ($Å^2 \times 10^3$; $\times 10^4$ for Os, Cl and P atoms) for the non-hydrogen atoms for the complex $OsH_2Cl\{\kappa\text{-}N, \kappa\text{-}O\ [ON=(C_6H_{10})]\}(P^iPr_3)_2$ (**2**).

Atom	U_{11}	U_{22}	U_{33}	U_{23}	U_{13}	U_{12}
Os(1)	137(1)	139(1)	121(1)	-6(1)	39(1)	-3(1)
O(1)	19(2)	21(2)	12(1)	5(1)	0(1)	2(2)
N(1)	6(3)	24(2)	7(2)	0(1)	0(2)	2(2)
C(1)	19(4)	22(2)	10(2)	-2(2)	5(2)	-2(2)
C(2)	17(4)	28(2)	21(2)	-1(2)	2(2)	-6(2)
C(3)	18(4)	34(3)	28(3)	-3(2)	7(2)	-6(3)
C(4)	37(5)	37(3)	26(3)	4(2)	18(3)	-6(3)
C(5)	27(4)	40(3)	16(2)	4(2)	5(2)	-6(3)
C(6)	19(4)	26(2)	23(3)	3(2)	-1(2)	0(2)
Cl(1)	441(11)	179(5)	275(6)	10(4)	198(6)	-42(6)
P(1)	130(9)	169(5)	123(5)	-28(4)	14(5)	-1(5)
C(11)	15(4)	24(2)	15(2)	0(2)	3(2)	-2(2)
C(12)	35(5)	39(3)	14(2)	1(2)	8(2)	2(3)
C(13)	22(4)	42(3)	19(2)	6(2)	1(2)	7(3)
C(14)	20(4)	20(2)	21(2)	3(2)	7(2)	-6(2)
C(15)	28(5)	24(3)	31(3)	-8(2)	-1(2)	-3(3)
C(16)	21(5)	30(3)	53(4)	-9(3)	9(3)	-3(3)
C(17)	12(4)	26(2)	15(2)	-7(2)	2(2)	5(2)
C(18)	26(4)	28(2)	22(2)	0(2)	-2(2)	9(3)
C(19)	8(4)	40(3)	27(3)	-7(2)	5(2)	-1(3)
P(2)	149(9)	154(5)	116(5)	-4(4)	20(5)	3(5)
C(21)	12(4)	21(2)	17(2)	0(2)	5(2)	-3(2)
C(22)	31(4)	16(2)	29(3)	-3(2)	4(2)	-1(2)
C(23)	16(4)	29(3)	21(2)	-6(2)	1(2)	-2(2)
C(24)	20(4)	27(2)	18(2)	3(2)	12(2)	1(2)
C(25)	35(5)	36(3)	18(2)	1(2)	10(2)	9(3)
C(26)	32(4)	31(3)	18(2)	2(2)	4(2)	12(2)
C(27)	11(4)	22(2)	21(2)	-3(2)	1(2)	0(2)
C(28)	23(5)	36(3)	32(3)	-6(2)	10(2)	-5(3)
C(29)	21(4)	32(3)	25(3)	2(2)	-7(2)	6(3)

* The anisotropic displacement factor exponent takes the form:

$-2\pi^2 (h^2 a^{*2} U_{11} + ... + 2\ h\ k\ a^*\ b^*\ U_{12})$

Table to be deposited

Table S3. Hydrogen atom coordinates* ($\times 10^4$; $\times 10^3$ for H(1) to H(62) atoms) and isotropic displacement coefficient ($Å^2 \times 10^3$) for the compound $OsH_2Cl\{\kappa\text{-}N, \kappa\text{-}O[ON{=}(C_6H_{10})]\}(P^iPr_3)_2$ (**2**).

Atom	X/*a*	Y/*b*	Z/*c*	*U*
H(1)	318(4)	385(5)	393(2)	36(15)
H(2)	383(4)	510(4)	361(2)	07(11)
H(21)	-13(3)	383(5)	307(2)	14(12)
H(22)	-1(4)	219(5)	305(2)	18(13)
H(31)	-49(4)	374(6)	415(3)	47(18)
H(32)	-107(4)	262(4)	372(2)	04(11)
H(41)	-3(4)	82(6)	416(3)	38(16)
H(42)	-34(4)	160(5)	470(2)	25(14)
H(51)	126(4)	152(5)	500(2)	29(15)
H(52)	101(4)	308(6)	489(3)	45(17)
H(61)	214(3)	253(4)	436(2)	00(11)
H(62)	166(3)	118(4)	395(2)	00(10)
H(111)	2385(24)	5106(40)	4950(4)	24(15)
H(121)	2058(16)	7214(13)	5416(4)	100(3)
H(122)	3100(13)	7469(20)	5691(4)	14(13)
H(123)	2632(5)	6214(16)	5934(10)	23(14)
H(131)	3898(6)	4617(19)	4914(11)	54(20)
H(132)	3774(4)	4608(19)	5620(12)	62(21)
H(133)	4238(16)	5856(23)	5375(5)	29(16)
H(141)	3355(10)	8582(22)	3871(20)	18(13)
H(151)	2848(18)	9626(9)	4684(3)	16(14)
H(152)	3802(11)	10128(23)	4655(3)	39(18)
H(153)	3703(9)	9033(11)	5159(13)	47(18)
H(161)	4521(5)	7078(24)	4016(10)	55(20)
H(162)	4738(10)	7444(12)	4717(14)	102(32)
H(163)	4830(13)	8492(25)	4228(4)	50(2)
H(171)	1645(6)	8385(34)	4430(17)	24(14)
H(181)	1808(14)	9041(18)	3361(3)	24(15)
H(182)	712(16)	8986(17)	3382(2)	29(15)
H(183)	1161(5)	7691(19)	3044(10)	53(19)
H(191)	931(6)	6240(14)	4568(12)	56(20)
H(192)	650(5)	6023(19)	3811(10)	37(16)
H(193)	224(16)	7236(15)	4126(2)	19(14)
H(211)	2350(4)	1518(11)	2976(21)	19(13)
H(221)	3422(21)	272(6)	2541(8)	77(26)
H(222)	2731(5)	503(6)	1812(15)	38(16)
H(223)	2399(12)	-440(26)	2360(3)	43(17)
H(231)	1108(9)	2707(25)	2324(5)	47(18)
H(232)	1012(11)	1096(24)	2230(3)	49(19)
H(233)	1325(4)	2006(6)	1708(14)	53(19)
H(241)	3356(23)	4767(38)	1779(3)	15(13)
H(251)	3742(16)	2626(13)	1420(5)	43(18)
H(252)	3212(4)	3500(14)	865(11)	47(18)
H(253)	2745(13)	2337(20)	1128(4)	11(12)
H(261)	1839(7)	5338(18)	1765(9)	32(16)
H(262)	1515(15)	3993(22)	1331(4)	10(12)
H(263)	2008(5)	5227(15)	1050(12)	55(20)

Table to be deposited

Table S3. Hydrogen atom coordinates* ($\times 10^4$; $\times 10^3$ for H(1) to H(62) atoms) and isotropic displacement coefficient ($Å^2 \times 10^3$) for the compound $OsH_2Cl\{\kappa\text{-}N, \kappa\text{-}O[ON=(C_6H_{10})]\}(P^iPr_3)_2$ (**2**). (cont)

Atom	X/*a*	Y/*b*	Z/*c*	*U*
H(271)	4331(5)	1946(30)	2457(14)	13(12)
H(281)	4790(7)	4333(15)	2363(13)	55(20)
H(282)	5567(19)	3504(12)	2863(3)	70(25)
H(283)	4943(5)	4570(22)	3126(10)	37(16)
H(292)	4081(13)	1300(21)	3505(2)	26(15)
H(292)	4494(4)	2662(19)	3822(10)	55(19)
H(293)	5098(17)	1618(13)	3574(3)	29(15)

The hydrogen atoms were included in observed positions and refined riding on their respective carbon atoms. The hydrogen atoms H(01) to H(64) were found in the last Fourier map and refined as free isotropic atoms.

Table to be deposited

Table S4. Full experimental details for the X-Ray analysis of the compound $OsH_2Cl\{\kappa\text{-}N, \kappa\text{-}O\ [ON=(C_6H_{10})]\}(P^iPr_3)_2$ (**2**).

Crystal data:

Formula	$C_{24}H_{54}ClNOOsP_2$
Molecular weight	660.27
Crystal habit	Orange, prism
Size (mm)	0.08 x 0.06 x 0.01
Symmetry	$P2_1/c$
Unit cell dimensions	14.8951(9), 9.5382(6), 20.8395(12)(1) Å 90, 104.369(1), 90 °
Packing: V (Å^3), Z	2868.1(3), 4
D_{calc}(g cm^{-3}), F (000)	1.529, 1344

Experimental data:	Siemens CCD
Radiation and technique	Mo-$K\alpha$ (λ = 0.71073 Å) ω scans at different φ values
Monochromator	Graphite oriented
Collection mode/range	($5 < 2\theta < 56°$)
Number of reflections:	
measured	10239 (h: -18, 15; k: -10, 12; l: -27, 10)
unique	5463 (R_{int} = 0.0343)
Absorption correction	SADABS program*
Max. and min. trans. fact.	1, 0.6868
μ (mm^{-1})	4.666
Temperature (K)	153.0(2)

Table to be deposited

Table S4. Full experimental details for the X-Ray analysis of the compound $OsH_2Cl\{\kappa\text{-}N, \kappa\text{-}O\ [ON=(C_6H_{10})]\}(P^iPr_3)_2$ (**2**). (cont)

Solution and refinement:	SHELX97 DOS/WIN95/NT
Solution mode	Patterson
Refinement	Full-matrix least-squares on F'^2s. All reflections.
Hydrogen atoms	From calculated positions. Refined riding on C atoms with a common thermal parameter. H(01) to H(64) were refined as free isotropic atoms.
No. parameters/restrains	379/0
Weighting scheme	$w^{-1}=[\sigma^2(F_o^2)+(0.0341P)^2+1.9443P]$ where $P=((\text{Max } F_o^2,0)+2F_c^2)/3$
ΔF final (max)	0.55 e/Å^3
ΔF final (min)	-1.836 e/Å^3
Max/Mean shift/esd	-0.340/0.007
$\omega R2(F^2$, all data)[a]	0.0759
$R1(F, F_o > 4.0\ \sigma F)$[b]	0.0325
Goodness-of-Fit[c]	1.056
Data-to-Parameter Ratio	14.4:1

Atomic scattering factors from the International Tables for X-Ray Crystallography; Vol C (1992). Anomalous dispersion is implemented by the program.

[a] $wR2(F^2) = \{\Sigma[w(F_o^2-F_c^2)^2]/\Sigma[w(F_o^2)^2]\}^{1/2}$ $R1(F) = \Sigma||F_o|-|F_c||/\Sigma|F_o|$. [c] $S = \{\Sigma[w(F_o^2-F_c^2)^2]/(n-p)\}^{1/2}$, where n is the number of observed reflections, and p is the number of parameters refined.

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* SADABS, Sheldrick, G., Sadabs user guide, Institüt fur Anorganische Chemie der Universität, Góttingen, Germany, 1995.

Table to be deposited

Table S5. Bond Lenghts (Å) and angles (deg) for the complex $OsH_2Cl\{\kappa\text{-}N, \kappa\text{-}O[ON{=}(C_6H_{10})]\}(P^iPr_3)_2$ (**2**).

Os(1)-N(1)	1.978(4)	C(19)-H(193)	0.9446
Os(1)-O(1)	2.250(4)	P(2)-C(27)	1.857(5)
Os(1)-P(2)	2.3767(12)	P(2)-C(21)	1.855(5)
Os(1)-P(1)	2.3798(11)	P(2)-C(24)	1.860(4)
Os(1)-Cl(1)	2.3922(12)	C(21)-C(23)	1.521(7)
Os(1)-H(1)	1.68(5)	C(21)-C(22)	1.541(6)
Os(1)-H(2)	1.57(5)	C(21)-H(211)	0.9218
O(1)-N(1)	1.353(4)	C(22)-H(221)	0.9947
N(1)-C(1)	1.281(6)	C(22)-H(222)	0.9947
C(1)-C(2)	1.486(7)	C(22)-H(223)	0.9947
C(1)-C(6)	1.511(6)	C(23)-H(231)	0.9499
C(2)-C(3)	1.535(8)	C(23)-H(232)	0.9499
C(2)-H(21)	0.93(4)	C(23)-H(233)	0.9499
C(2)-H(22)	1.00(4)	C(24)-C(26)	1.524(8)
C(3)-C(4)	1.528(8)	C(24)-C(25)	1.530(6)
C(3)-H(31)	1.00(6)	C(24)-H(241)	0.9446
C(3)-H(32)	0.95(5)	C(25)-H(251)	0.9091
C(4)-C(5)	1.515(8)	C(25)-H(252)	0.9091
C(4)-H(41)	0.99(5)	C(25)-H(253)	0.9091
C(4)-H(42)	0.99(5)	C(26)-H(261)	0.9647
C(5)-C(6)	1.528(8)	C(26)-H(262)	0.9647
C(5)-H(51)	0.87(5)	C(26)-H(263)	0.9647
C(5)-H(52)	1.03(6)	C(27)-C(29)	1.533(6)
C(6)-H(61)	0.88(4)	C(27)-C(28)	1.531(7)
C(6)-H(62)	1.12(4)	C(27)-H(271)	1.0697
P(1)-C(17)	1.859(5)	C(28)-H(281)	0.9584
P(1)-C(11)	1.868(4)	C(28)-H(282)	0.9584
P(1)-C(14)	1.875(5)	C(28)-H(283)	0.9584
C(11)-C(13)	1.515(7)	C(29)-H(292)	0.9290
C(11)-C(12)	1.531(6)	C(29)-H(292)	0.9290
C(11)-H(111)	0.9864	C(29)-H(293)	0.9290
C(12)-H(121)	0.9391		
C(12)-H(122)	0.9391	N(1)-Os(1)-O(1)	36.61(12)
C(12)-H(123)	0.9391	N(1)-Os(1)-P(2)	92.55(11)
C(13)-H(131)	0.9354	O(1)-Os(1)-P(2)	93.04(8)
C(13)-H(132)	0.9354	N(1)-Os(1)-P(1)	93.51(10)
C(13)-H(133)	0.9354	O(1)-Os(1)-P(1)	95.35(8)
C(14)-C(16)	1.510(8)	P(2)-Os(1)-P(1)	171.53(4)
C(14)-C(15)	1.531(6)	N(1)-Os(1)-Cl(1)	137.30(10)
C(14)-H(141)	0.8199	O(1)-Os(1)-Cl(1)	100.69(8)
C(15)-H(151)	0.9278	P(2)-Os(1)-Cl(1)	89.39(4)
C(15)-H(152)	0.9278	P(1)-Os(1)-Cl(1)	90.16(4)
C(15)-H(153)	0.9278	N(1)-Os(1)-H(1)	82(2)
C(16)-H(161)	0.8931	O(1)-Os(1)-H(1)	118(2)
C(16)-H(162)	0.8931	P(2)-Os(1)-H(1)	85(2)
C(16)-H(163)	0.8931	P(1)-Os(1)-H(1)	90(2)
C(17)-C(18)	1.531(6)	Cl(1)-Os(1)-H(1)	141(2)
C(17)-C(19)	1.536(7)	N(1)-Os(1)-H(2)	147.4(14)
C(17)-H(171)	0.9852	O(1)-Os(1)-H(2)	175(2)
C(18)-H(181)	1.0075	P(2)-Os(1)-H(2)	84.6(14)
C(18)-H(182)	1.0075	P(1)-Os(1)-H(2)	87.1(14)
C(18)-H(183)	1.0075	Cl(1)-Os(1)-H(2)	75.3(14)
C(19)-H(191)	0.9446	H(1)-Os(1)-H(2)	66(2)
C(19)-H(192)	0.9446	N(1)-O(1)-Os(1)	60.7(2)
		C(1)-N(1)-O(1)	124.3(4)

C(1)-N(1)-Os(1)	152.9(3)	C(16)-C(14)-P(1)	114.5(3)
O(1)-N(1)-Os(1)	82.7(2)	C(15)-C(14)-P(1)	116.6(4)
N(1)-C(1)-C(2)	122.4(4)	C(16)-C(14)-H(141)	104.8
N(1)-C(1)-C(6)	119.6(5)	C(15)-C(14)-H(141)	104.8
C(2)-C(1)-C(6)	117.9(4)	P(1)-C(14)-H(141)	104.8
C(1)-C(2)-C(3)	112.0(4)	C(14)-C(15)-H(151)	109.5
C(1)-C(2)-H(21)	107(3)	C(14)-C(15)-H(152)	109.5
C(3)-C(2)-H(21)	111(3)	H(151)-C(15)-H(152)	109.5
C(1)-C(2)-H(22)	107(3)	C(14)-C(15)-H(153)	109.5
C(3)-C(2)-H(22)	110(3)	H(151)-C(15)-H(153)	109.5
H(21)-C(2)-H(22)	109(3)	H(152)-C(15)-H(153)	109.5
C(4)-C(3)-C(2)	109.8(5)	C(14)-C(16)-H(161)	109.5
C(4)-C(3)-H(31)	106(3)	C(14)-C(16)-H(162)	109.5
C(2)-C(3)-H(31)	117(3)	H(161)-C(16)-H(162)	109.5
C(4)-C(3)-H(32)	107(2)	C(14)-C(16)-H(163)	109.5
C(2)-C(3)-H(32)	114(3)	H(161)-C(16)-H(163)	109.5
H(31)-C(3)-H(32)	102(4)	H(162)-C(16)-H(163)	109.5
C(5)-C(4)-C(3)	111.5(5)	C(18)-C(17)-C(19)	109.4(4)
C(5)-C(4)-H(41)	110(4)	C(18)-C(17)-P(1)	110.8(4)
C(3)-C(4)-H(41)	112(3)	C(19)-C(17)-P(1)	112.4(3)
C(5)-C(4)-H(42)	112(3)	C(18)-C(17)-H(171)	108.0
C(3)-C(4)-H(42)	110(3)	C(19)-C(17)-H(171)	108.0
H(41)-C(4)-H(42)	101(4)	P(1)-C(17)-H(171)	108.0
C(4)-C(5)-C(6)	110.7(4)	C(17)-C(18)-H(181)	109.5
C(4)-C(5)-H(51)	111(4)	C(17)-C(18)-H(182)	109.5
C(6)-C(5)-H(51)	115(4)	H(181)-C(18)-H(182)	109.5
C(4)-C(5)-H(52)	106(3)	C(17)-C(18)-H(183)	109.5
C(6)-C(5)-H(52)	107(3)	H(181)-C(18)-H(183)	109.5
H(51)-C(5)-H(52)	108(4)	H(182)-C(18)-H(183)	109.5
C(1)-C(6)-C(5)	111.2(5)	C(17)-C(19)-H(191)	109.5
C(1)-C(6)-H(61)	113(3)	C(17)-C(19)-H(192)	109.5
C(5)-C(6)-H(61)	108(3)	H(191)-C(19)-H(192)	109.5
C(1)-C(6)-H(62)	110(2)	C(17)-C(19)-H(193)	109.5
C(5)-C(6)-H(62)	109(2)	H(191)-C(19)-H(193)	109.5
H(61)-C(6)-H(62)	105(4)	H(192)-C(19)-H(193)	109.5
C(17)-P(1)-C(11)	103.0(2)	C(27)-P(2)-C(21)	103.1(2)
C(17)-P(1)-C(14)	101.2(2)	C(27)-P(2)-C(24)	102.5(2)
C(11)-P(1)-C(14)	109.4(2)	C(21)-P(2)-C(24)	108.8(2)
C(17)-P(1)-Os(1)	116.46(14)	C(27)-P(2)-Os(1)	112.84(14)
C(11)-P(1)-Os(1)	112.2(2)	C(21)-P(2)-Os(1)	114.3(2)
C(14)-P(1)-Os(1)	113.5(2)	C(24)-P(2)-Os(1)	114.1(2)
C(13)-C(11)-C(12)	109.8(4)	C(23)-C(21)-C(22)	109.3(4)
C(13)-C(11)-P(1)	113.4(4)	C(23)-C(21)-P(2)	112.7(3)
C(12)-C(11)-P(1)	117.0(3)	C(22)-C(21)-P(2)	116.7(4)
C(13)-C(11)-H(111)	105.2	C(23)-C(21)-H(211)	105.7
C(12)-C(11)-H(111)	105.2	C(22)-C(21)-H(211)	105.7
P(1)-C(11)-H(111)	105.2	P(2)-C(21)-H(211)	105.7
C(11)-C(12)-H(121)	109.5	C(21)-C(22)-H(221)	109.5
C(11)-C(12)-H(122)	109.5	C(21)-C(22)-H(222)	109.5
H(121)-C(12)-H(122)	109.5	H(221)-C(22)-H(222)	109.5
C(11)-C(12)-H(123)	109.5	C(21)-C(22)-H(223)	109.5
H(121)-C(12)-H(123)	109.5	H(221)-C(22)-H(223)	109.5
H(122)-C(12)-H(123)	109.5	H(222)-C(22)-H(223)	109.5
C(11)-C(13)-H(131)	109.5	C(21)-C(23)-H(231)	109.5
C(11)-C(13)-H(132)	109.5	C(21)-C(23)-H(232)	109.5
H(131)-C(13)-H(132)	109.5	H(231)-C(23)-H(232)	109.5
C(11)-C(13)-H(133)	109.5	C(21)-C(23)-H(233)	109.5
H(131)-C(13)-H(133)	109.5	H(231)-C(23)-H(233)	109.5
H(132)-C(13)-H(133)	109.5	H(232)-C(23)-H(233)	109.5
C(16)-C(14)-C(15)	110.1(4)	C(26)-C(24)-C(25)	111.1(4)

C(26)-C(24)-P(2)	113.0(4)
C(25)-C(24)-P(2)	116.7(3)
C(26)-C(24)-H(241)	104.9
C(25)-C(24)-H(241)	104.9
P(2)-C(24)-H(241)	104.9
C(24)-C(25)-H(251)	109.5
C(24)-C(25)-H(252)	109.5
H(251)-C(25)-H(252)	109.5
C(24)-C(25)-H(253)	109.5
H(251)-C(25)-H(253)	109.5
H(252)-C(25)-H(253)	109.5
C(24)-C(26)-H(261)	109.5
C(24)-C(26)-H(262)	109.5
H(261)-C(26)-H(262)	109.5
C(24)-C(26)-H(263)	109.5
H(261)-C(26)-H(263)	109.5
H(262)-C(26)-H(263)	109.5
C(29)-C(27)-C(28)	110.5(4)
C(29)-C(27)-P(2)	111.9(4)
C(28)-C(27)-P(2)	112.0(4)
C(29)-C(27)-H(271)	107.4
C(28)-C(27)-H(271)	107.4
P(2)-C(27)-H(271)	107.4
C(27)-C(28)-H(281)	109.5
C(27)-C(28)-H(282)	109.5
H(281)-C(28)-H(282)	109.5
C(27)-C(28)-H(283)	109.5
H(281)-C(28)-H(283)	109.5
H(282)-C(28)-H(283)	109.5
C(27)-C(29)-H(292)	109.5
C(27)-C(29)-H(292)	109.5
H(292)-C(29)-H(292)	109.5
C(27)-C(29)-H(293)	109.5
H(292)-C(29)-H(293)	109.5
H(292)-C(29)-H(293)	109.5