

Elemental Analyses

E-3-(3'-adamantan-1-yl-4'-hydroxy-biphenyl-4-yl)-acrylic acid (2).

Anal.calctd. for C₂₅H₂₆O₃: C: 80.18, H: 7.00. Found: C: 80.29; H, 7.12.

methyl E-3-(3'-adamantan-1-yl-4'-hydroxy-biphenyl-4-yl)-acrylate (5)

Anal.calctd. for C₂₆H₂₈O₃: C: 80.38, H: 7.26. Found: 80.65; H, 7.12.

(E/Z)-3-[3'-(adamantan-1-yl)-4'-hydroxy-biphenyl-4-yl]-acrylonitrile (6)

Anal.calctd. for C₂₅H₂₅NO: C: 84.47, H: 7.09, N: 3.94. Found: C: 84.12; H: 6.98; N: 3.85.

4-hydroxyphenylamide of E-3-(3'-adamantan-1-yl-4'-hydroxy-biphenyl-4-yl)-acrylic acid (7a)

Anal.calctd. for C₃₁H₃₁NO₃: C: 79.97, H: 6.71, N: 3.01. Found: C: 80.13; H, 6.52; N: 3.05.

2-aminophenylamide of E-3-(3'-adamantan-1-yl-4'-hydroxy-biphenyl-4-yl)-acrylic acid (7b)

Anal.calctd. for C₃₁H₃₂N₂O₂: C: 80.14, H: 6.94, N: 6.03. Found: C: 79.96; H: 6.99; N: 5.99.

E-3-(4'-hydroxy-biphenyl-4-yl)-acrylic acid (8a)

Anal.calctd. for C₁₅H₁₂O₃: C: 74.99, H: 5.03. Found: C: 75.13; H, 5.09.

E-3-[4'-hydroxy-3'-(1-methylcyclohexyl)-biphenyl-4-yl]-acrylic acid (8b)

Anal.calctd. for C₂₂H₂₄O₃: C: 78.54, H: 7.19. Found: C: 78.72; H, 7.11.

E-3-(3'-tert-butyl-4'-hydroxy-biphenyl-4-yl)-acrylic acid (8c)

Anal.calctd. for C₁₉H₂₀O₃: C: 77.00, H: 6.80. Found: C: 76.82; H, 6.92.

E-3-[3'-(adamantan-1-yl)-4'-hydroxy-biphenyl-4-yl]-crotonic acid (9)

Anal.calctd. for C₂₆H₂₈O₃: C: 80.38, H: 7.26. Found: C: 80.52; H: 7.41

3'-adamantan-1-yl-4'-(3-hydroxy-propenyl)-biphenyl-4-ol (10)

Anal.calctd. for C₂₅H₂₈O₂: C: 83.29, H: 7.83. Found: 83.45; H, 7.79.

3-(3'-adamantan-1-yl-4'-hydroxy-biphenyl-4-yl)-propionic acid (11)

Anal.calctd. for C₂₅H₂₈O₃: C: 79.75, H: 7.50. Found: C: 79.94; H, 7.53.

Diethyl[2-(3'-adamantan-1-yl-4'-hydroxy-biphenyl-4-yl)-vinyl]-phosphonate (14a)

Anal.calctd. for C₂₈H₃₅O₄P: C: 72.08, H: 7.56. Found: C, 71.96; H, 7.48.

[2-(3'-adamantan-1-yl-4'-hydroxy-biphenyl-4-yl)-vinyl]-phosphonic acid (14b)

Anal.calctd. for C₂₄H₂₇O₄P: C: 70.23, H: 6.63. Found: C, 70.41; H, 6.54.

3-[3'-(adamantan-1-yl)-4'-hydroxy-biphenyl-4-yl]-propynoic acid (15)

Anal.calctd. for C₂₅H₂₄O₃: C: 80.62, H: 6.49. Found: C, 80.78; H, 6.44.

[3'-(adamantan-1-yl)-4'-hydroxy-biphenyl-4-yl]-carboxylic acid (16)

Anal.calctd. for C₂₃H₂₄O₃: C: 79.28, H: 6.94. Found: 79.23; H, 7.01.

2-methyl-3-[3'-(adamantan-1-yl)-4'-hydroxy-biphenyl-4-yl]-acrylic acid (17a)

Anal.calctd. for C₂₆H₂₈O₃: C: 80.38, H: 7.26. Found: C: 80.47; H, 7.17.

E-2-fluoro-3-[3'-(adamantan-1-yl)-4'-hydroxy-biphenyl-4-yl]-acrylic acid (17b)

Anal.calctd. for C₂₅H₂₅FO₃: C: 76.51, H: 6.42. Found: C: 76.72; H, 6.53.

Z-2-fluoro-3-[3'-(adamantan-1-yl)-4'-hydroxy-biphenyl-4-yl]-acrylic acid (17c)

Anal.calctd. for C₂₅H₂₅FO₃: C: 76.51, H: 6.42. Found: C, 76.59; H, 6.34.

E-3-[5'-(adamantan-1-yl)-2'-methyl-4'-hydroxy-biphenyl-4-yl]-acrylic acid (17d)

Anal.calctd. for C₂₆H₂₈O₃: C: 80.38, H: 7.26. Found: C, 80.19; H, 7.33.

2-[3-(adamantan-1-yl)-4'-hydroxy-biphenyl-4-yl]-cyclopropanecarboxylic acid (18)

Anal.calctd. for C₂₆H₂₈O₃: C: 80.38, H: 7.26. Found: 80.58; H, 7.34.

E-3-[3'-(adamantan-1-yl)-3-fluoro-4'-hydroxy-biphenyl-4-yl]-acrylic acid (19)

Anal.calctd. for C₂₅H₂₅FO₃: C: 76.51, H: 6.42. Found: C, 76.57; H, 6.29.

E-3-(4'-hydroxy-[1,1',3',1"]terphenyl-4-yl)-acrylic acid (23)

Anal.calctd. for C₂₁H₁₆O₃: C: 79.73, H: 5.10. Found: C: 79.85; H, 5.01.

E-3-[3'-(adamantan-1-yl)-4'-hydroxy-2-formylbiphenyl-4-yl]-acrylic acid (27a)

Anal.calctd. for C₂₆H₂₆O₄: C: 77.59, H: 6.51. Found: C, 77.81; H, 6.62.

E-3-[3'-(1-adamantyl)-2-chloro-4'-hydroxy-biphenyl-4-yl]-acrylic acid (27b)

Anal.calctd. for C₂₅H₂₅ClO₃: C: 73.43, H: 6.16. Found: 73.52; H, 6.05.

3-(6-adamantan-1-yl-7-hydroxy-phenanthren-2-yl)-acrylic acid (29)

Anal.calctd. for C₂₇H₂₆O₃: C: 81.38, H: 6.58. Found: C: 81.17; H: 6.63.

3-(3'-Chloro-4'-hydroxybiphenyl-4-yl)-acrylic acid (30)

Anal.calctd. for C₁₅H₁₁ClO₃: C: 65.58, H: 4.04. Found: C: 65.80; H, 3.93.

3-(4'-adamantan-1-yl-3'-hydroxy-biphenyl-4-yl)-acrylic acid (33).

Anal.calctd. for C₂₅H₂₆O₃: C: 80.18, H: 7.00. Found: C: 80.03; H, 6.95.

3-(5'-Adamantan-1-yl-3'-hydroxy-biphenyl-4-yl)-acrylic acid (37).

Anal.calctd. for C₂₅H₂₆O₃: C: 80.18, H: 7.00. Found: C: 80.08; H, 6.93.