



Sigma: G4269

>>Derivative: 4-Nitrobenzoyl

CAS Registry Number: 115459-65-9
Physical Description: Cryst. (Et₂O)
Melting Point: Mp 60-62°
Optical Rotation: $[\alpha]_D^{19} +37$ (c, 1.08 in CHCl₃)

>>Derivative: 4-Methylbenzenesulfonyl

CAS Registry Number: 70987-78-9
Molecular Formula: C₁₀H₁₂O₄S
Molecular Weight: 228.268
Accurate Mass: 228.04563
Percentage Composition: C 52.62%; H 5.30%; O 28.04%; S 14.05%
Physical Description: Cryst. (Et₂O/petrol)
Melting Point: Mp 47.5-48.5°
Optical Rotation: $[\alpha]_D^{25} +18.1$ (c, 2.1 in CHCl₃)
Other: Daiso

>>Derivative: 3-Nitrobenzenesulfonyl

CAS Registry Number: 115314-14-2
Molecular Formula: C₉H₉NO₆S
Molecular Weight: 259.239
Accurate Mass: 259.015059
Percentage Composition: C 41.70%; H 3.50%; N 5.40%; O 37.03%; S 12.37%
Physical Description: Cryst. (EtOAc/hexane)
Melting Point: Mp 63-64° (58-60°)
Optical Rotation: $[\alpha]_D^{25} +23$ (c, 2.14 in CHCl₃) (99% ee)
Aldrich: 32799-9
Fluka: 50048
Other: Daiso

>>Derivative: Octadecyl ether

CAS Registry Number: 83526-56-1
Molecular Formula: C₂₁H₄₂O₂
Molecular Weight: 326.562
Accurate Mass: 326.31848
Percentage Composition: C 77.24%; H 12.96%; O 9.80%
Physical Description: Cryst. (petrol)
Melting Point: Mp 42-43°
Optical Rotation: $[\alpha]_D +9$ (c, 5 in C₆H₆)

>>Derivative: 4-Methoxyphenyl ether

CAS Registry Number: 71048-65-2
Molecular Formula: C₁₀H₁₂O₃
Molecular Weight: 180.203
Accurate Mass: 180.078645
Percentage Composition: C 66.65%; H 6.71%; O 26.64%
Physical Description: Cryst. (Et₂O/petrol)
Melting Point: Mp 44°
Optical Rotation: $[\alpha]_D^{31} +11.3$ (c, 0.98 in MeOH)

>>Derivative: 1-Naphthyl ether

CAS Registry Number: 61249-00-1
Molecular Formula: C₁₃H₁₂O₂
Molecular Weight: 200.237
Accurate Mass: 200.08373
Percentage Composition: C 77.98%; H 6.04%; O 15.98%
Physical Description: Liq.
Optical Rotation: $[\alpha]_D^{25} +32.9$ (c, 1 in MeOH)