



Molecular Formula: C₂₂H₁₈O₄
Molecular Weight: 346.382
Accurate Mass: 346.12051
Percentage Composition: C 76.29%; H 5.24%; O 18.48%
Biological Source: Isol. from the starfish *Pteraster militaris*

>>Derivative: 2-(4-Methylbenzenesulfonyl)

Melting Point: Mp 73-74°
Optical Rotation: [α]_D¹⁹ +31.3 (c, 2 in MeOH)

>>Derivative: 1-Me ether

CAS Registry Number: 66051-01-2
Molecular Formula: C₉H₁₂O₂
Molecular Weight: 152.193
Accurate Mass: 152.08373
Percentage Composition: C 71.03%; H 7.95%; O 21.03%
Boiling Point: Bp_{1.5} 78° (lit. gives a pressure range). Bp_{0.1} 65°
Optical Rotation: [α]_D¹⁹ +133 (c, 1 in Me₂CO)
Refractive Index: n_D²⁰ 1.5200
Aldrich: 30214-7
Sigma: M5648
Other: Kiralchem

>>Variant: (±)-form

CAS Registry Number: 7138-28-5
Molecular Formula: C₈H₁₀O₂
Molecular Weight: 138.166
Accurate Mass: 138.06808
Percentage Composition: C 69.55%; H 7.29%; O 23.16%
Physical Description: Needles (petrol)
Melting Point: Mp 67-68°
Boiling Point: Bp₇₅₅ 272-274°
Solubility: V. sol. H₂O
Fluka: 77851

>>Derivative: 2-Ac

CAS Registry Number: 10522-41-5
Molecular Formula: C₁₀H₁₂O₃
Molecular Weight: 180.203
Accurate Mass: 180.078645
Percentage Composition: C 66.65%; H 6.71%; O 26.64%
Physical Description: Liq.
Boiling Point: Bp₆ 136-137°
Density: d₂₀²⁰ 1.14

>>Derivative: Di-Ac

CAS Registry Number: 6270-03-7
Molecular Formula: C₁₂H₁₄O₄
Molecular Weight: 222.24
Accurate Mass: 222.08921
Percentage Composition: C 64.85%; H 6.35%; O 28.80%
Physical Description: Liq.
Boiling Point: Bp₇₅₅ 274°. Bp₂₅ 183-185°