



Optical Rotation: $[\alpha]_{\text{D}}^{25} -23$ (c, 2.0 in 0.25 M HCl)
Other: PB P08380

>>Derivative: Amide

CAS Registry Number: 5241-58-7

Molecular Formula: $\text{C}_9\text{H}_{12}\text{N}_2\text{O}$
Molecular Weight: 164.207
Percentage Composition: C 65.83%; H 7.37%; N 17.06%; O 9.74%

Melting Point: Mp 81-83°
Sigma: P1883

>>Derivative: N-Formyl

CAS Registry Number: 13200-85-6
Molecular Formula: $\text{C}_{10}\text{H}_{11}\text{NO}_3$
Molecular Weight: 193.202
Accurate Mass: 193.073894
Percentage Composition: C 62.17%; H 5.74%; N 7.25%; O 24.84%
Physical Description: Plates (H_2O)
Melting Point: Mp 167°
Optical Rotation: $[\alpha]_{\text{D}}^{20} +75.1$ (c, 1 in EtOH)
Sigma: F3889

>>Derivative: N-Ac

CAS Registry Number: 2018-61-3
Molecular Formula: $\text{C}_{11}\text{H}_{13}\text{NO}_3$
Molecular Weight: 207.229
Accurate Mass: 207.089544
Percentage Composition: C 63.76%; H 6.32%; N 6.76%; O 23.16%
Physical Description: Cryst. (H_2O)
Melting Point: Mp 170-171°
Optical Rotation: $[\alpha]_{\text{D}}^{26} +50.4$ (c, 0.5 in EtOH) (98% op)
Aldrich: 85745-9
Sigma: A4126

>>Derivative: N-Ac, Me ester

CAS Registry Number: 3618-96-0

Molecular Formula: $\text{C}_{12}\text{H}_{15}\text{NO}_3$
Molecular Weight: 221.255
Percentage Composition: C 65.14%; H 6.83%; N 6.33%; O 21.69%
Biological Source: Isol. from an undescribed Jaspidae sponge
Physical Description: Viscous oil (CHCl_3); needles (petrol); prisms (Et_2O)
Melting Point: Mp 91-92°
Optical Rotation: $[\alpha]_{\text{D}} +101.5$ (c, 1 in CHCl_3). $[\alpha]_{\text{D}}^{25} +19.5$ (c, 2 in MeOH)

>>Derivative: N-Ac, Et ester

CAS Registry Number: 2361-96-8
Molecular Formula: $\text{C}_{13}\text{H}_{17}\text{NO}_3$
Molecular Weight: 235.282
Accurate Mass: 235.120844
Percentage Composition: C 66.36%; H 7.28%; N 5.95%; O 20.40%
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 93-94°
Boiling Point: Subl. 89-92°
Optical Rotation: $[\alpha]_{\text{D}}^{25} +85.9$ (c, 1 in CHCl_3) (100% ee)
Other: PB A09700