



>>>Derivative: Di-Me ester; hydrochloride

CAS Registry Number: 23150-65-4

Melting Point: Mp 143°

Optical Rotation: $[\alpha]_{\text{D}}^{20} -24.3$ (c, 2 in MeOH)

Fluka: 49560

Sigma: G9253

>>>Derivative: 1-Et ester

CAS Registry Number: 52454-78-1

Molecular Formula: C₇H₁₃NO₄

Molecular Weight: 175.184

Accurate Mass: 175.084459

Percentage Composition: C 47.99%; H 7.48%; N 8.00%; O 36.53%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 110°

>>>Derivative: 5-Et ester

CAS Registry Number: 1119-33-1

Molecular Formula: C₇H₁₃NO₄

Molecular Weight: 175.184

Accurate Mass: 175.084459

Percentage Composition: C 47.99%; H 7.48%; N 8.00%; O 36.53%

Optical Rotation: $[\alpha]_{\text{D}}^{18} +13.1$ (c, 1 in H₂O)

Fluka: 49490

Sigma: G1876

>>>Derivative: Di-Et ester

CAS Registry Number: 16450-41-2

Molecular Formula: C₉H₁₇NO₄

Molecular Weight: 203.238

Percentage Composition: C 53.19%; H 8.43%; N 6.89%; O 31.49%

Physical Description: Oil

Boiling Point: Bp₁₀ 139-140°

Solubility: V. sol. H₂O

pKa Value: pK_a 7.04 (25°)

>>>Derivative: Di-Et ester; hydrochloride

CAS Registry Number: 1118-89-4

Melting Point: Mp 109°

Optical Rotation: $[\alpha]_{\text{D}}^{18} +22$ (c, 1 in H₂O)

Aldrich: 30934-6

Fluka: 49550

Sigma: G9378

>>>Derivative: 5-Benzyl ester

CAS Registry Number: 1676-73-9

Molecular Formula: C₁₂H₁₅NO₄

Molecular Weight: 237.255

Accurate Mass: 237.100109

Percentage Composition: C 60.75%; H 6.37%; N 5.90%; O 26.97%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 176-176.5°

Optical Rotation: $[\alpha]_{\text{D}}^{18} +19.3$ (c, 1.41 in AcOH)

>>>Derivative: 1-Monoamide

>>>Derivative: 5-Monoamide