



Optical Rotation: $[\alpha]_{\text{D}}^{20} +22$ (c, 1 in 1M HCl)

Aldrich: 17653-2

Fluka: 11160

Sigma: A8824

>> **Derivative:** N^2 -Benzoyl

CAS Registry Number: 29880-25-9

Molecular Formula: $\text{C}_{11}\text{H}_{12}\text{N}_2\text{O}_4$

Molecular Weight: 236.227

Accurate Mass: 236.079708

Percentage Composition: C 55.93%; H 5.12%; N 11.86%; O 27.09%

Physical Description: Needles (H_2O)

Melting Point: Mp 189°

Optical Rotation: $[\alpha]_{\text{D}}^{20} +18.9$ (NaOH aq.)

Rare Chemicals Library: S80470-3

>> **Derivative:** *N*-4-Nitrobenzoyl

Physical Description: Prismatic needles

Melting Point: Mp 178°

Optical Rotation: $[\alpha]_{\text{D}}^{20} +10.96$ (KOH)

>> **Derivative:** *N*- α -Benzyloxycarbonyl

CAS Registry Number: 2304-96-3

Molecular Formula: $\text{C}_{12}\text{H}_{14}\text{N}_2\text{O}_5$

Molecular Weight: 266.253

Accurate Mass: 266.090273

Percentage Composition: C 54.13%; H 5.30%; N 10.52%; O 30.05%

Melting Point: Mp 163 - 165°

Aldrich: C640-4

Fluka: 95940

Sigma: C5376

>> **Derivative:** N^2 -(4-Methylbenzenesulfonyl)

CAS Registry Number: 36212-66-5

Molecular Formula: $\text{C}_{11}\text{H}_{14}\text{N}_2\text{O}_5\text{S}$

Molecular Weight: 286.308

Accurate Mass: 286.062343

Percentage Composition: C 46.15%; H 4.93%; N 9.78%; O 27.94%; S 11.20%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 188°

Optical Rotation: $[\alpha]_{\text{D}}^{20} +9.7$ (KOH aq.)

>> **Derivative:** N^2 -(2,4-Dinitrophenyl)

CAS Registry Number: 1602-40-0

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 185° (180 - 182°)

Sigma: D8254

>> **Derivative:** *N*-Me

CAS Registry Number: 7175-34-0

Molecular Formula: $\text{C}_5\text{H}_{10}\text{N}_2\text{O}_3$

Molecular Weight: 146.146

Accurate Mass: 146.069143

Percentage Composition: C 41.09%; H 6.90%; N 19.17%; O 32.84%

Biological Source: Isol. from *Corallocarpus epigaeus* and *Kedrostis elongata*

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 235 - 236 dec. $^\circ$