



Accurate Mass: 179.131014

Percentage Composition: C 73.70%; H 9.56%; N 7.81%; O 8.93%

Use/Importance: Resolving agent

Physical Description: Viscous oil

Optical Rotation: $[\alpha]_D -18.9$ (c, 1.5 in EtOH)

>> **Derivative:** *O*-Benzyl; hydrochloride

Physical Description: Cryst.

Optical Rotation: $[\alpha]_D -18$ (c, 1.1 in EtOH)

>> **Variant:** (*S*)-form

CAS Registry Number: 5856-62-2

Molecular Formula: $C_4H_{11}NO$

Molecular Weight: 89.137

Accurate Mass: 89.084064

Percentage Composition: C 53.90%; H 12.44%; N 15.71%; O 17.95%

Boiling Point: $Bp_{11} 80^\circ$

Optical Rotation: $[\alpha]_D^{20} +9.8$ (H_2O)

Aldrich: 13252-7

Fluka: 7178

>> **Derivative:** Oxalate

Melting Point: Mp 190-192°

Optical Rotation: $[\alpha]_D^{20} +11.3$ (H_2O)

>> **Variant:** ($\pm$)-form

CAS Registry Number: 13054-87-0

Molecular Formula: $C_4H_{11}NO$

Molecular Weight: 89.137

Accurate Mass: 89.084064

Percentage Composition: C 53.90%; H 12.44%; N 15.71%; O 17.95%

Boiling Point: Bp 172-174°. Bp 178°

Fluka: 7176

>> **Derivative:** Picrate

Melting Point: Mp 130.5-132.5°

References: