



Use/Importance: Resolving agent
Melting Point: Mp 65-66°
Optical Rotation: $[\alpha]_D^{26} -5.4$ (c, 1 in EtOH)

>>**Derivative:** Me ether

CAS Registry Number: 64715-80-6
Use/Importance: Enantioselective alkylating agent
Physical Description: Oil
Boiling Point: Bp_{0.1} 55-59°
Optical Rotation: $[\alpha]_D -14.4$

>>**Derivative:** Me ether; hydrochloride

CAS Registry Number: 64715-81-7
Physical Description: Cryst. (EtOH/Et₂O)
Melting Point: Mp 151-152°
Optical Rotation: $[\alpha]_D +19.7$ (c, 2.5 in EtOH)
Aldrich: 45927-5
Fluka: 8399

>>**Variant:** (±)-form

CAS Registry Number: 1795-98-8
Molecular Formula: C₉H₁₃NO
Molecular Weight: 151.208
Accurate Mass: 151.099714
Percentage Composition: C 71.49%; H 8.67%; N 9.26%; O 10.58%
Melting Point: Mp 67-68°

>>**Derivative:** Me ether

Boiling Point: Bp_{1.2} 68-69°

>>**Derivative:** Me ether; hydrochloride

Physical Description: Needles (Me₂CO)
Melting Point: Mp 121-123°

References:

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