



>>Variant: (1*RS*,2*SR*)-form

Synonym(s): (±)-*cis*-form

CAS Registry Number: 45743-49-5

Molecular Formula: C₇H₁₃NO₂

Molecular Weight: 143.185

Accurate Mass: 143.094629

Percentage Composition: C 58.72%; H 9.15%; N 9.78%; O 22.35%

Melting Point: Mp 236° (206-208°)

Fluka: 7617

Sigma: A7456

>>Derivative: Hydrochloride

Melting Point: Mp 219-221°

>>Derivative: Amide

CAS Registry Number: 24717-01-9

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 125-127°

>>Derivative: Methanamide

CAS Registry Number: 54867-17-3

Molecular Formula: C₈H₁₆N₂O

Molecular Weight: 156.227

Accurate Mass: 156.126263

Percentage Composition: C 61.51%; H 10.32%; N 17.93%; O 10.24%

Physical Description: Cryst. (hexane/Me₂CO)

Melting Point: Mp 80-83°

References:

- Moriconi, E.J. *et al.*, *J.O.C.*, 1966, **31**, 1372
Kricheldorf, H.R. *et al.*, *Annalen*, 1975, 1387
Nohira, H. *et al.*, *Chem. Lett.*, 1976, 299-300, (*N*-benzoyl)
Pihlaja, K. *et al.*, *Acta Chem. Scand., Ser. B*, 1987, **41**, 228, (*amides*)
Booth, H. *et al.*, *Tetrahedron*, 1988, **44**, 1465, (*synth*)
Göndös, G. *et al.*, *Annalen*, 1991, 591, (*amides*)
Davies, S.G. *et al.*, *J.C.S. Perkin I*, 1994, 1411, (*synth*)
Cimarelli, C. *et al.*, *J.O.C.*, 1996, **61**, 5557, (*Et ester, synth, ir, pmr, cmr, ms*)
Enders, D. *et al.*, *Liebigs Ann./Recl.*, 1997, 699-706, (*1*S*,2*S*-form, synth, ir, pmr, cmr, ms*)
Cimarelli, C. *et al.*, *Synth. Commun.*, 2001, **31**, 2943-2953, (*1*S*,2*R*-form, synth, ir, pmr, cmr*)