



>>Variant: (±)-form

CAS Registry Number: 7685-44-1

Molecular Formula: C₅H₉NO₂

Molecular Weight: 115.132

Accurate Mass: 115.063329

Percentage Composition: C 52.16%; H 7.88%; N 12.17%; O 27.79%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 243-245° (dec.)

Aldrich: 17344-4

Fluka: 5960

Sigma: A8378

>>Derivative: Me ester

CAS Registry Number: 70837-19-3

Molecular Formula: C₆H₁₁NO₂

Molecular Weight: 129.158

Accurate Mass: 129.078979

Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%

Physical Description: Liq.

Boiling Point: Bp_{1.1} 69-70°

>>Derivative: Et ester

CAS Registry Number: 89077-49-6

Extra CAS Registry Numbers(s): 68843-72-1

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%

Physical Description: Liq.

Boiling Point: Bp₁₅ 75-78°

>>Derivative: N-Ac

CAS Registry Number: 50299-14-4

Molecular Formula: C₇H₁₁NO₃

Molecular Weight: 157.169

Percentage Composition: C 53.49%; H 7.05%; N 8.91%; O 30.54%

Melting Point: Mp 114°

Sigma: A7637

References:

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Yaozhong, J. *et al.*, *Synth. Commun.*, 1989, **19**, 881-888, (synth, ir, pmr)
Sasaki, N.A. *et al.*, *Tet. Lett.*, 1989, **30**, 1943-1946, (synth)
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Broxterman, Q.B. *et al.*, *J.O.C.*, 1992, **57**, 6286-6294, (resoln, pmr, cmr)
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