



Sigma: F5001

>>Derivative: Hydrochloride

Melting Point: Mp 243-250 dec.°

>>Derivative: *N*-Ac

CAS Registry Number: 66574-84-3

Molecular Formula: C₁₁H₁₂FNO₃

Molecular Weight: 225.219

Accurate Mass: 225.080122

Percentage Composition: C 58.66%; H 5.37%; F 8.44%; N 6.22%; O 21.31%

Melting Point: Mp 153-155°

Aldrich: 85562-6

Sigma: A9633

>>Derivative: *N*-Chloroacetyl

Molecular Formula: C₁₁H₁₁ClFNO₃

Molecular Weight: 259.664

Accurate Mass: 259.041149

Percentage Composition: C 50.88%; H 4.27%; Cl 13.65%; F 7.32%; N 5.39%; O 18.48%

Melting Point: Mp 134-136°

>>Derivative: *N*-Propanoyl

Molecular Formula: C₁₂H₁₄FNO₃

Molecular Weight: 239.246

Accurate Mass: 239.095772

Percentage Composition: C 60.24%; H 5.90%; F 7.94%; N 5.85%; O 20.06%

Melting Point: Mp 137-138°

>>Derivative: *N*-Benzyloxycarbonyl

Physical Description: Cryst. (toluene)

Melting Point: Mp 108.5-110°

Optical Rotation: [α]_D²⁵ +0.2 (c, 5 in Me₂CO)

>>Derivative: *N*-Benzyloxycarbonyl, phenylhydrazide

Melting Point: Mp 155.5-156.5°

References:

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Bennet, E.L. *et al.*, *J.A.C.S.*, 1948, **70**, 2610; 1950, **72**, 1800; 1804, (*synth*, *uv*)

Munier, R. *et al.*, *Bull. Soc. Chim. Fr.*, 1963, 2939

Otami, T.T. *et al.*, *J. Pharm. Sci.*, 1978, **67**, 520, (*N*-Ac, *N*-propionyl, *N*-chloroacetyl)

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