



Percentage Composition: C 72.69%; H 9.15%; N 8.48%; O 9.68%

Melting Point: Mp 76°

>>**Derivative:** Hydrochloride

CAS Registry Number: 134-71-4

Melting Point: Mp 188-189.5°

Aldrich: 28574-9

Rare Chemicals Library: S43771-9

Sigma: E2875

>>**Derivative:** *N*-Ac

Molecular Formula: C₁₂H₁₇NO₂

Molecular Weight: 207.272

Accurate Mass: 207.125929

Percentage Composition: C 69.54%; H 8.27%; N 6.76%; O 15.44%

Melting Point: Mp 77-78.5°

References:

- Aldrich Library of FT-IR Spectra*, 1st edn., 1985, **1**, 1277C; 1278A, (*ir*)
Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 578C; 579A; 579B; 586A; 586B; 586C; 587A; 587B, (*nmr*)
Emde, H., *Helv. Chim. Acta*, 1929, **12**, 365; 405, (*struct, rel config*)
Freudenberg, K. *et al.*, *J.A.C.S.*, 1932, **54**, 234
Freudenberg, K. *et al.*, *Annalen*, 1934, **510**, 223, (*abs config*)
Phillips, D.C. *et al.*, *Acta Cryst.*, 1954, **7**, 159, (*rel config*)
Kopp, J.F., *Anal. Chem.*, 1973, **45**, 1786, (*use, Ephedrine*)
Milne, J.W.A. *et al.*, *Anal. Chem.*, 1973, **45**, 1952, (*ms*)
Yamasaki, K. *et al.*, *Phytochemistry*, 1973, **12**, 2877, (*biosynth*)
Furlei, R.R. *et al.*, *CA*, 1974, **80**, 144 913z, (*ms*)
Fieser and Fieser's Reagents for Organic Synthesis, Wiley, 1975, **5**, 289; 1990, **15**, 154; 1989, **14**, 159; 1981, **9**, 209; 1984, **11**, 230, (*use*)
Ghosal, S. *et al.*, *Phytochemistry*, 1975, **14**, 830, (*isol*)
Lovgren, K. *et al.*, *Acta Pharm. Suec.*, 1977, **14**, 30, (*pmr*)
Smith, T.A., *Phytochemistry*, 1977, **16**, 9, (*occur*)
Benz Ezra, S.A. *et al.*, *Anal. Profiles Drug Subst.*, 1979, **8**, 489, (*rev, uv, ir, pmr, ms, anal, Pseudoephedrine*)
Baudet, M. *et al.*, *Analyst (London)*, 1979, **12**, 641, (*cmr*)
Ali, S.L., *Anal. Profiles Drug Subst.*, 1986, **15**, 255, (*rev, uv, ir, ms, pmr, anal*)
Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1244; 1253
Reddy, G.V. *et al.*, *Tet. Lett.*, 2000, **41**, 953-954, (*synth*)
Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, EAW000; EAX000; EAY000; POH000; POH250; EAW500; EAY500; POH500; EAX500