



>>Entry Name: *N,N,N',N',N'',N''*-Hexamethylmethanetriamine, 9CI

Synonym(s): Tris(dimethylamino)methane

CAS Registry Number: 5762-56-1

HC(NMe₂)₃

Molecular Formula: C₇H₁₉N₃

Molecular Weight: 145.247

Accurate Mass: 145.157897

Percentage Composition: C 57.89%; H 13.18%; N 28.93%

Physical Description: Liq.

Boiling Point: Bp₁₂ 48°

Aldrich: 22105-8

Fluka: 93330

References:

Aldrich Library of NMR Spectra, 2nd edn., 1983, **1**, 264C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 302D, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 387C, (*ir*)

Bredereck, H. *et al.*, *Chem. Ber.*, 1968, **101**, 1885-1888, (*synth, use*)

Martin, S.F. *et al.*, *Tet. Lett.*, 1976, 4459-4462, (*use*)

Wasserman, H.H. *et al.*, *J.O.C.*, 1978, **43**, 3238-3240, (*synth, use*)

Fieser and Fieser's Reagents for Organic Synthesis, Wiley, 1979, **7**, 411, (*use*)

Kantlehner, W. *et al.*, *Synthesis*, 1979, 342-343, (*synth*)

Wasserman, H. *et al.*, *J.O.C.*, 1985, **50**, 3573-3580, (*synth, ir, pmr, ms*)

Kantlehner, W. *et al.*, *J. Prakt. Chem.*, 2000, **342**, 256-268, (*synth*)