



>>Entry Name: Bis(dimethylamino)methoxymethane

Synonym(s): 1-Methoxy-*N,N,N',N'*-tetramethylmethanediamine, 9Cl. Brederick's reagent

CAS Registry Number: 1186-70-5

MeOCH(NMe₂)₂

Molecular Formula: C₆H₁₆N₂O

Molecular Weight: 132.205

Accurate Mass: 132.126263

Percentage Composition: C 54.51%; H 12.20%; N 21.19%; O 12.10%

Use/Importance: Methylenating reagent

Physical Description: Oil

Boiling Point: Bp 128°

Fluka: 64875

References:

Bredereck, H. *et al.*, *Chem. Ber.*, 1968, **101**, 41, (*synth*)

Ziegler, F.E. *et al.*, *J.O.C.*, 1981, **46**, 825, (*use*)

Fieser and Fieser's *Reagents for Organic Synthesis*, Wiley, 1982, **10**, 34, (*use*)

Wassermann, H.H. *et al.*, *J.O.C.*, 1985, **50**, 3573, (*synth, ir, pmr, ms, use*)