



>>Entry Name: Tetramethylhydrazine, 9CI

CAS Registry Number: 6415-12-9

Me₂NNMe₂

Molecular Formula: C₄H₁₂N₂

Molecular Weight: 88.152

Accurate Mass: 88.100048

Percentage Composition: C 54.50%; H 13.72%; N 31.78%

Physical Description: Liq.

Melting Point: Mp −118°

Boiling Point: Bp 72.5-73°

pKa Value: pK_a 6.3 pK_a 6.1 (25°)

Fluka: 87860

References:

Class, J.D. *et al.*, *J.A.C.S.*, 1953, **75**, 2937, (*synth*)

Beltram, R.T. *et al.*, *J.A.C.S.*, 1956, **78**, 2467, (*synth*)

Lichter, R.L. *et al.*, *J.A.C.S.*, 1972, **94**, 4904, (*cmr, N-15 nmr*)

Linker, K.-H. *et al.*, *Chem. Ber.*, 1973, **106**, 1052, (*synth*)

Nelson, S.F. *et al.*, *J.O.C.*, 1980, **45**, 3609, (*pmr*)