



>>Entry Name: Dimethylketazine

Synonym(s): 2-Propanone(1-methylethylidene)hydrazone, 9CI. Acetone azine

CAS Registry Number: 627-70-3

$(\text{H}_3\text{C})_2\text{C}=\text{NN}=\text{C}(\text{CH}_3)_2$

Molecular Formula: $\text{C}_6\text{H}_{12}\text{N}_2$

Molecular Weight: 112.174

Accurate Mass: 112.100048

Percentage Composition: C 64.24%; H 10.78%; N 24.97%

Boiling Point: Bp 133°. Bp₃₇ 54°

Aldrich: 27315-5

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 1416B, (*nmr*)

Vogel, A.I. *et al.*, *J.C.S.*, 1952, 514, (*synth*)

Elguero, J. *et al.*, *Bull. Soc. Chim. Fr.*, 1968, 713, (*synth, pmr*)

Registry of Mass Spectral Data, Wiley-Interscience, 1974, 139-5, (*ms*)

Harris, W.C. *et al.*, *Spectrochim. Acta A*, 1975, **31**, 1981, (*ir*)