



>>Derivative: 1-Me

Synonym(s): 1,2-Dimethylpiperazine

CAS Registry Number: 25057-77-6

Molecular Formula: $C_6H_{14}N_2$

Molecular Weight: 114.19

Accurate Mass: 114.115698

Percentage Composition: C 63.11%; H 12.36%; N 24.53%

Physical Description: Liq.

Boiling Point: Bp₇₅₃ 151-152°

Refractive Index: n_D²⁵ 1.4647

>>Derivative: 1-Me, dipicrate

Melting Point: Mp 263°

>>Derivative: 1,4-Di-Me

Synonym(s): 1,2,4-Trimethylpiperazine, 9CI

CAS Registry Number: 120-85-4

Molecular Formula: $C_7H_{16}N_2$

Molecular Weight: 128.217

Accurate Mass: 128.131348

Percentage Composition: C 65.57%; H 12.58%; N 21.85%

Boiling Point: Bp 154-156°

Density: d₂₀²⁰ 0.86

Refractive Index: n_D²⁰ 1.4482

Rare Chemicals Library: S36528-9

References:

- Aldrich Library of FT-IR Spectra, 1st edn.*, 1985, **1**, 372A, (*ir*)
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 464A, (*ir*)
Aldrich Library of NMR Spectra, 2nd edn., 1983, **1**, 327B, (*nmr*)
Kitchen, L.J. *et al.*, *J.A.C.S.*, 1947, **69**, 854, (*synth*)
Beck, K.M. *et al.*, *J.A.C.S.*, 1952, **74**, 605
Tkaczynski, T., *Acta Pol. Pharm.*, 1967, **24**, 459; *CA*, **68**, 105154k, (*1,4-di-Me, synth*)
Okada, J. *et al.*, *Yakugaku Zasshi*, 1976, **96**, 783, (*synth*)
Armarego, W.L. *et al.*, *J. Chem. Res., Synop.*, 1980, 133, (*resoln, abs config*)
Toda, F. *et al.*, *Chem. Lett.*, 1988, 513, (*resoln, abs config, cryst struct*)
Miyamoto, T. *et al.*, *J. Med. Chem.*, 1990, **33**, 1645, (*resoln*)
Kiely, J.S. *et al.*, *Org. Prep. Proced. Int.*, 1990, **22**, 761, (*synth*)
Chu, D.T.W. *et al.*, *J. Med. Chem.*, 1991, **34**, 168, (*synth, pmr*)