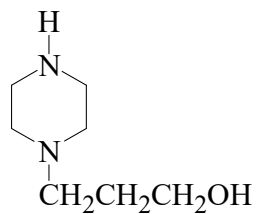




>>Entry Name: 1-Piperazinepropanol, 9Cl

Synonym(s): 1-(3-Hydroxypropyl)piperazine. 3-(1-Piperazinyl)-1-propanol



CAS Registry Number: 5317-32-8

Molecular Formula: C₇H₁₆N₂O

Molecular Weight: 144.216

Accurate Mass: 144.126263

Percentage Composition: C 58.30%; H 11.18%; N 19.42%; O 11.09%

Physical Description: Cryst.

Melting Point: Mp 48.5-49.5°

Boiling Point: Bp₁₀ 132.5-134°

>>Derivative: Hydrochloride (1:2)

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 233-236°

>>Derivative: Dipicrate

Physical Description: Yellow needles (H₂O)

Melting Point: Mp 252-253° (dec.)

References:

McElvain, S.M. *et al.*, *J.A.C.S.*, 1954, **76**, 1126-1137, (*synth, derivs*)

Barrett, P.A. *et al.*, *J.C.S.*, 1961, 2404-2418

Friedman, O.M. *et al.*, *J.A.C.S.*, 1965, **87**, 4978-4979, (*synth, derivs*)