



>>Entry Name: 1-(3-Chlorophenyl)piperazine, 9CI

CAS Registry Number: 6640-24-0

Extra CAS Registry Numbers(s): 13078-15-4

Structure by analogy with 1-(2-Chlorophenyl)piperazine, [NXV51-G](#)

Molecular Formula: C₁₀H₁₃ClN₂

Molecular Weight: 196.679

Accurate Mass: 196.076725

Percentage Composition: C 61.07%; H 6.66%; Cl 18.03%; N 14.24%

Boiling Point: Bp₅ 157.2-158.2°

Density: d₂₀ 1.19

Refractive Index: n_D²⁵ 1.5985

>>Derivative: Hydrochloride

CAS Registry Number: 65369-76-8

Physical Description: Cryst. (MeOH)

Melting Point: Mp 210-214 dec.°

Aldrich: 12518-0

Sigma: C5554

References:

Pollard, C.B. *et al.*, *J.A.C.S.*, 1954, **76**, 1853-1855, (*synth*)

Thunus, L. *et al.*, *Ann. Pharm. Fr.*, 1980, **38**, 353, (*synth*)