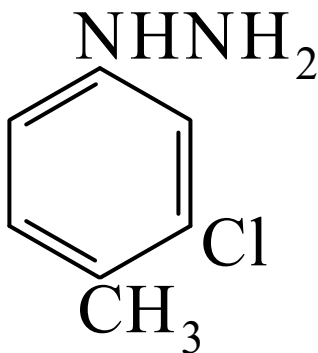




>>Entry Name: 3-Chloro-4-methylphenylhydrazine

Synonym(s): 3-Chloro-*p*-tolylhydrazine, 8Cl



CAS Registry Number: 51304-65-5

Molecular Formula: C₇H₉ClN₂

Molecular Weight: 156.614

Accurate Mass: 156.045425

Percentage Composition: C 53.68%; H 5.79%; Cl 22.64%; N 17.89%

>>Derivative: Hydrochloride

CAS Registry Number: 54812-56-5

Extra CAS Registry Numbers(s): 57396-90-4

Physical Description: Cream-coloured needles

Melting Point: Mp 230.5-231.5 dec.°. Mp 247 dec.°

Aldrich: 15343-5

>>Derivative: *N*-Benzoyl

Molecular Formula: C₁₄H₁₃ClN₂O

Molecular Weight: 260.722

Accurate Mass: 260.07164

Percentage Composition: C 64.50%; H 5.03%; Cl 13.60%; N 10.74%; O 6.14%

Physical Description: Cream-coloured needles (EtOH)

Melting Point: Mp 119.5-120°

References:

Steck, E.A. *et al.*, *J.A.C.S.*, 1958, **80**, 3929