



>>Entry Name: 1-Chloro-3-methyl-5-nitrobenzene

Synonym(s): 3-Chloro-5-nitrotoluene

CAS Registry Number: 16582-38-0

Molecular Formula: $C_7H_6ClNO_2$

Molecular Weight: 171.583

Accurate Mass: 171.008706

Percentage Composition: C 49.00%; H 3.52%; Cl 20.66%; N 8.16%; O 18.65%

Physical Description: Yellow needles (EtOH)

Melting Point: Mp 61° (55°). Fp 58°

References:

Wibaut, J.P., *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1913, **32**, 297, (*synth*)

Olah, G.A. *et al.*, *J.A.C.S.*, 1974, **96**, 2892, (*glc*)