



>>Entry Name: **2-(Chloromethyl)naphthalene**

Synonym(s): β -Naphthylmethyl chloride. β -Menaphthyl chloride

CAS Registry Number: 2506-41-4

Molecular Formula: $C_{11}H_9Cl$

Molecular Weight: 176.645

Accurate Mass: 176.039277

Percentage Composition: C 74.79%; H 5.14%; Cl 20.07%

Physical Description: Leaflets (EtOH)

Melting Point: Mp 47°

Boiling Point: Bp₂₀ 168-170°

>>Derivative: Picrate

Physical Description: Yellow needles

Melting Point: Mp 73-75°

References:

Campbell, N. *et al.*, *J.C.S.*, 1940, 819, (*synth*)

Tarbell, D.S. *et al.*, *J.A.C.S.*, 1945, **67**, 197, (*synth*)

Elsevier's Encycl. Org. Chem. Ser. III, 1946, **12B**, 243, (*bibl*)

Hauser, C.R. *et al.*, *J.O.C.*, 1958, **23**, 354, (*synth*)

Bentley, M.D. *et al.*, *J.O.C.*, 1970, **35**, 2707, (*nmr*)

Scharz, H. *et al.*, *Org. Mass Spectrom.*, 1973, **7**, 23, (*ms*)

Natale, N.R. *et al.*, *J. Med. Chem.*, 1999, **42**, 3087-3093, (*synth, pmr*)