



>>Entry Name: 1,6,7-Trimethylnaphthalene, 9CI

Synonym(s): 2,3,5-Trimethylnaphthalene

CAS Registry Number: 2245-38-7

Extra CAS Registry Numbers(s): 28652-77-9

Molecular Formula: C₁₃H₁₄

Molecular Weight: 170.254

Accurate Mass: 170.10955

Percentage Composition: C 91.71%; H 8.29%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 28°

Boiling Point: Bp₇₆₂ 285°. Bp_{0.15} 84-86°

Aldrich: T7740-2

>>Derivative: Picrate

Physical Description: Orange needles (MeOH)

Melting Point: Mp 124-125°

>>Derivative: Styphnate

Physical Description: Yellow leaves

Melting Point: Mp 148-149°

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 959B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 881C, (*ir*)

Aldrich Library of NMR Spectra, 2nd edn., 1983, **1**, 758B, (*nmr*)

Luther, H. *et al.*, *Z. Phys. Chem. (Leipzig)*, 1950, **195**, 103, (*Raman*)

Mosby, W.L., *J.A.C.S.*, 1952, **74**, 2564, (*synth*)

Okuda, O., *Yakugaku Zasshi*, 1953, **73**, 1

Vig, O.P. *et al.*, *CA*, 1955, **49**, 2388g, (*synth*)

Mayer, T.J. *et al.*, *J. Chem. Eng. Data*, 1973, **18**, 337, (*ir, nmr*)