



>>Entry Name: 1,2,4-Trimethyl-5-nitrobenzene, 9CI, 8CI

Synonym(s): 5-Nitro-ψ-cumene

CAS Registry Number: 610-91-3

Molecular Formula: C₉H₁₁NO₂

Molecular Weight: 165.191

Accurate Mass: 165.078979

Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%

Physical Description: Yellowish needles (EtOH)

Melting Point: Mp 71°

Boiling Point: Bp 265°

Aldrich: 13789-8

Rare Chemicals Library: S43360-8

Sigma: N5155

References:

Aldrich Library of Infrared Spectra, 3rd edn., 1981, 834C, (ir)

Olah, G.A. *et al.*, *J.O.C.*, 1978, **43**, 4628, (synth)