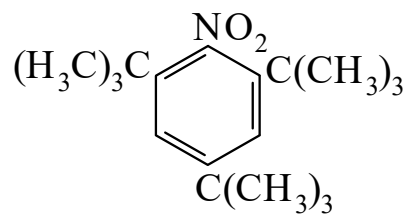




>>Entry Name: 1,3,5-Tri-*tert*-butyl-2-nitrobenzene

Synonym(s): 1,3,5-Tris(1,1-dimethylethyl)-2-nitrobenzene, 9CI



CAS Registry Number: 4074-25-3

Molecular Formula: C₁₈H₂₉NO₂

Molecular Weight: 291.433

Accurate Mass: 291.219829

Percentage Composition: C 74.18%; H 10.03%; N 4.81%; O 10.98%

Physical Description: Solid (petrol)

Melting Point: Mp 204-205°

Aldrich: 22304-2

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 759B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1374C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1215C, (*ir*)

Bartlett, P.D. *et al.*, *J.A.C.S.*, 1954, **76**, 2349, (*synth*)

Betts, E.E. *et al.*, *Can. J. Chem.*, 1955, **33**, 1768, (*synth*)