



>>Entry Name: 1,4-Diethylbenzene, 9CI

CAS Registry Number: 105-05-5

Extra CAS Registry Numbers(s): 25340-17-4

Molecular Formula: C₁₀H₁₄

Molecular Weight: 134.221

Accurate Mass: 134.10955

Percentage Composition: C 89.49%; H 10.51%

Boiling Point: Bp 182-183°

Hazard & Toxicity: Flammable, fl. p. 55°, autoignition temp. 430°

Aldrich: D9100-4

Fluka: 32020

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **2**, 14C, (*nmr*)

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Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 859C, (*ir*)

Karabinos, J.V. *et al.*, *J.A.C.S.*, 1946, **68**, 2107, (*synth*)

La Lau, C., *J. Phys. Radium*, 1954, **15**, 623, (*ir*)

Adv. Chem. Ser., 1955, **15**, 37, (*props*)

Romadane, I. *et al.*, *Zh. Obshch. Khim.*, 1959, **29**, 103, (*synth*)

Sloane, H.J., *CA*, 1970, **77**, 5945, (*Raman, ir*)

Dimov, N. *et al.*, *J. Chromatogr.*, 1974, **91**, 691, (*glc*)

Hojer, G. *et al.*, *Acta Chem. Scand., Ser. B*, 1977, **31**, 445

U.S. Pat., 1979, 4 143 084; *CA*, **90**, 186553, (*synth*)