



>>Entry Name: 9-Phenyl-9H-carbazole

Synonym(s): N-Phenylcarbazole

CAS Registry Number: 1150-62-5

Molecular Formula: C₁₈H₁₃N

Molecular Weight: 243.307

Accurate Mass: 243.104799

Percentage Composition: C 88.86%; H 5.39%; N 5.76%

Physical Description: Needles or plates (EtOH)

Melting Point: Mp 94-95°

Other Data: Strongly triboluminescent.

Aldrich: 26268-4

Supelco: R42-3120

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 162A, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 680A, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1504D, (ir)

Eckert, A. *et al.*, *J. Prakt. Chem.*, 1922, **104**, 88, (synth)

Org. Synth., Coll. Vol., 1, 1932, 544, (synth)

Wittig, G. *et al.*, *Annalen*, 1953, **580**, 44, (ir)

Kuroki, M., *Yakugaku Zasshi*, 1967, **88**, 463, (uv)

Riepe, W. *et al.*, *Z. Naturforsch., A*, 1969, **24**, 2017, (ms)