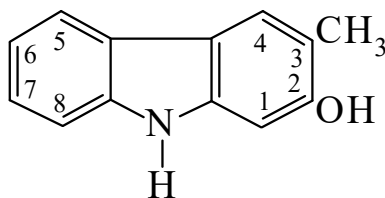




>>Entry Name: 2-Hydroxy-3-methyl-9*H*-carbazole

Synonym(s): 3-Methyl-9*H*-carbazol-2-ol, 9Cl



CAS Registry Number: 24224-30-4

Molecular Formula: C₁₃H₁₁NO

Molecular Weight: 197.236

Accurate Mass: 197.084064

Percentage Composition: C 79.17%; H 5.62%; N 7.10%; O 8.11%

Biological Source: Alkaloid from the roots of *Murraya koenigii* (Rutaceae)

Melting Point: Mp 245-246°

>>Derivative: Me ether

Synonym(s): 2-Methoxy-3-methyl-9*H*-carbazole

CAS Registry Number: 24224-28-0

Molecular Formula: C₁₄H₁₃NO

Molecular Weight: 211.263

Accurate Mass: 211.099714

Percentage Composition: C 79.59%; H 6.20%; N 6.63%; O 7.57%

Physical Description: Cryst. (C₆H₆ or C₆H₆/petrol)

Melting Point: Mp 225° (218°)

References:

Chakraborty, D.P. *et al.*, *Chem. Ind. (London)*, 1969, 1662, (*synth*, *uv*, *ir*)

Bhattacharyya, P. *et al.*, *Chem. Ind. (London)*, 1986, 246, (*isol*, *uv*, *ir*, *pmr*, *cmr*)

Knölker, H. *et al.*, *J. Indian Chem. Soc.*, 1994, **71**, 345, (*synth*, 2-Methoxy-3-methylcarbazole)

Knölker, H.J. *et al.*, *Synlett*, 1996, 737, (*synth*)