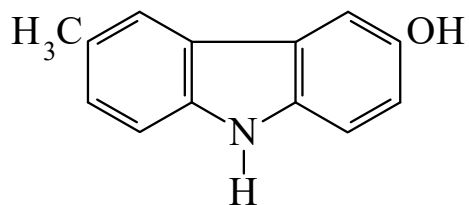




>>Entry Name: 3-Hydroxy-6-methyl-9*H*-carbazole

Synonym(s): 6-Methyl-9*H*-carbazol-3-ol, 9Cl. Glycozolinine. Glycozolinol



CAS Registry Number: 5257-08-9

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%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 231-232°

>>Derivative: *O*-Ac

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 210°

>>Derivative: Me ether

Synonym(s): 3-Methoxy-6-methyl-9*H*-carbazole, 9Cl. Glycozoline

CAS Registry Number: 5234-30-0

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%

Biological Source: Alkaloid from the roots of *Glycosmis mauritiana* and the root bark of *Glycosmis pentaphylla* (Rutaceae)

Melting Point: Mp 181-182°

UV: [neutral] λ_{max} 227 (ε 33000); 252 (ε 14500); 264 (ε 40000); 304 (ε 14700) (EtOH) (Berdy)

>>Derivative: Me ether, picrate

Melting Point: Mp 182°

References:

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Bhattacharyya, P. *et al.*, *J. Indian Chem. Soc.*, 1976, **53**, 321, (*synth*)

Rastogi, K. *et al.*, *Phytochemistry*, 1980, **19**, 945, (*isol*)

Mukherjee, S. *et al.*, *Phytochemistry*, 1983, **22**, 1064, (*isol, uv, ir, pmr, struct, Glycozolinine*)

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