



>>Entry Name: 3,9'-Bi-9*H*-carbazole, 9Cl

CAS Registry Number: 18628-07-4

Molecular Formula: C₂₄H₁₆N₂

Molecular Weight: 332.404

Accurate Mass: 332.131348

Percentage Composition: C 86.72%; H 4.85%; N 8.43%

Physical Description: Prisms

Melting Point: Mp 212-213° (204-207°)

Solubility: Insol. MeOH, EtOH, CCl₄, petrol

>>Derivative: 9-Ac

Molecular Formula: C₂₆H₁₈N₂O

Molecular Weight: 374.441

Accurate Mass: 374.141913

Percentage Composition: C 83.40%; H 4.85%; N 7.48%; O 4.27%

Physical Description: Needles (AcOH)

Melting Point: Mp 197°

References:

Nelmes, M.L. *et al.*, *J.C.S.*, 1933, 1523

Sugita, J., *Nippon Kagaku Zasshi*, 1966, **88**, 659; *CA*, **69**, 10319, (*synth*)

Dave, V., *Can. J. Chem.*, 1972, **50**, 3397