
Product Data Sheet

Product Name: 3-Methylcarbazole

Cat. No.: GC61664

Chemical Properties

Cas. No. 4630-20-0

SMILES CC1=CC2=C(C=C1)NC3=C2C=CC=C3Formula $C_{13}H_{11}N$ M.Wt 181.23

Solubility Storage 4°C, protect from light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

3-Methylcarbazole is a carbazole alkaloid compound with anticancer effects. 3-Methylcarbazole shows growth inhibitory activity (IC₅₀ of 25 µg/mL) on human fibrosarcoma HT-1080 cells[1].

[1]. Cheng-Bin Cui, et al. Carbazole alkaloids as new cell cycle inhibitor and apoptosis inducers from *Clausena dunniana* Levl. J Asian Nat Prod Res. 2002 Dec;4(4):233-41.

Caution: Product has not been fully validated for medical applications. For research use only.

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