

DBC

Chemical Properties

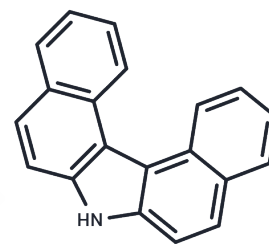
CAS No. : 194-59-2

Formula: C₂₀H₁₃N

Molecular Weight: 267.32

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	DBC is a halogenated hydrocarbon, widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others,Cytochromes P450

Solubility Information

Solubility	DMSO: 4 mg/mL (14.96 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7408 mL	18.7042 mL	37.4083 mL
5 mM	0.7482 mL	3.7408 mL	7.4817 mL
10 mM	0.3741 mL	1.8704 mL	3.7408 mL
50 mM	0.0748 mL	0.3741 mL	0.7482 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Gabelova A. 7H-Dibenzo[c,g]carbazole: Metabolic pathways and toxicity. Chem Biol Interact. 2020 May 25;323:109077.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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