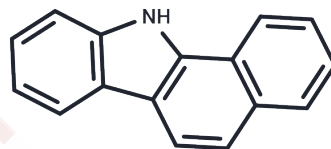


## 11H-Benzo[a]carbazole

## Chemical Properties

CAS No. :	239-01-0
Formula:	C <sub>16</sub> H <sub>11</sub> N
Molecular Weight:	217.27
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



## Biological Description

Description	11H-Benzo[a]carbazole is a kinesin-like protein KIF11 inhibitor that can inhibit the viability of HeLa cells.
Targets(IC50)	Kinesin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6026 mL	23.0128 mL	46.0257 mL
5 mM	0.9205 mL	4.6026 mL	9.2051 mL
10 mM	0.4603 mL	2.3013 mL	4.6026 mL
50 mM	0.0921 mL	0.4603 mL	0.9205 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

Liu A, et al. Transition-Metal-Controlled Synthesis of 11H-Benzo[a]carbazoles and 6-Alkylidene-6H-isoindo[2,1-a]indoles via Sequential Intermolecular/Intramolecular Cross-Dehydrogenative Coupling from 2-Phenylindoles. *Org Lett.* 2019 Sep 6;21(17):6839-6843.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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