

Phenanthren-9-amine

Chemical Properties

CAS No. :	947-73-9
Formula:	C14H11N
Molecular Weight:	193.244
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Phenanthren-9-amine was found to exhibit carcinogenic activity in mice through virtual calculations and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1749 mL	25.8746 mL	51.7491 mL
5 mM	1.035 mL	5.1749 mL	10.3498 mL
10 mM	0.5175 mL	2.5875 mL	5.1749 mL
50 mM	0.1035 mL	0.5175 mL	1.035 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

Yuta K, Jurs PC. Computer-assisted structure-activity studies of chemical carcinogens. Aromatic amines. J Med Chem. 1981 Mar;24(3):241-51.

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