

9,10-Dihydroacridine

Chemical Properties

CAS No. :	92-81-9
Formula:	C ₁₃ H ₁₁ N
Molecular Weight:	181.233
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	9,10-Dihydroacridine is a fused heterocyclic compound widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5179 mL	27.5893 mL	55.1785 mL
5 mM	1.1036 mL	5.5179 mL	11.0357 mL
10 mM	0.5518 mL	2.7589 mL	5.5179 mL
50 mM	0.1104 mL	0.5518 mL	1.1036 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

Chen CC, et al. The study of 9,10-dihydroacridine derivatives as a new and effective molecular scaffold for antibacterial agent development. *Biochem Biophys Res Commun.* 2021 Mar 26;546:40-45.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481