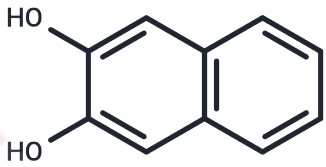
Data Sheet (Cat.No.T66936)

TargetMol

2,3-Dihydroxynaphthalene

Chemical Properties



CAS No. : 92-44-4

Formula: C10H8O2

Molecular Weight: 160.17

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	2,3-Dihydroxynaphthalene is a naphthalene derivative, an important intermediate in the synthesis of dyes and photosensitive materials, widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 160 mg/mL (998.94 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.2434 mL	31.2168 mL	62.4337 mL
5 mM	1.2487 mL	6.2434 mL	12.4867 mL
10 mM	0.6243 mL	3.1217 mL	6.2434 mL
50 mM	0.1249 mL	0.6243 mL	1.2487 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

Yan M, et al. 2,3-Dihydroxynaphthalene invoked surface oxygen vacancy effect on Fe2O3 nanorods for photoanodic signal transduction tactic. Biosens Bioelectron. 2023 Jul 15;232:115286.

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