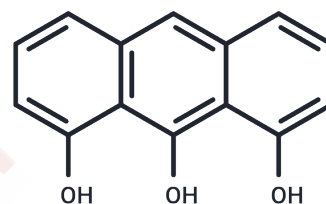


1,8,9-Trihydroxyanthracene

Chemical Properties

CAS No. :	480-22-8
Formula:	C ₁₄ H ₁₀ O ₃
Molecular Weight:	226.23
Storage:	Keep away from moisture 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	1,8,9-Trihydroxyanthracene is an anthracene-derived polyphenolic compound containing three hydroxyl substituents. 1,8,9-Trihydroxyanthracene is commonly used as an intermediate in organic synthesis and materials research, as well as in pharmaceutical research. Its polyhydroxy structure confers it with certain redox properties, and 1,8,9-Trihydroxyanthracene is also employed in relevant studies as a model molecule for investigating the electronic properties and reactivity of anthracene compounds.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4203 mL	22.1014 mL	44.2028 mL
5 mM	0.8841 mL	4.4203 mL	8.8406 mL
10 mM	0.442 mL	2.2101 mL	4.4203 mL
50 mM	0.0884 mL	0.442 mL	0.8841 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

Bao ZZ, et al. Effects of hydroxyl group content on adsorption and desorption of anthracene and anthrol by polyvinyl chloride microplastics. Sci Total Environ. 2021 Oct 10;790:148077.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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