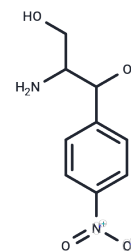


(1S,2s)-2-amino-1-(4-nitrophenyl)propane-1,3-diol

Chemical Properties

CAS No. :	2964-48-9
Formula:	C ₉ H ₁₂ N ₂ O ₄
Molecular Weight:	212.205
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	(1S,2s)-2-amino-1-(4-nitrophenyl)propane-1,3-diol, with CAS No. 2964-48-9, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. (1S,2s)-2-amino-1-(4-nitrophenyl)propane-1,3-diol provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.
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Solubility Information

Solubility	DMSO: 42.44 mg/mL (200 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7123 mL	23.5616 mL	47.1231 mL
5 mM	0.9425 mL	4.7123 mL	9.4246 mL
10 mM	0.4712 mL	2.3562 mL	4.7123 mL
50 mM	0.0942 mL	0.4712 mL	0.9425 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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