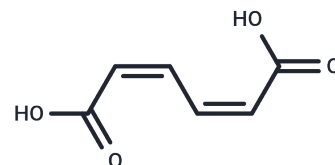


cis,cis-Muconic acid

Chemical Properties

CAS No. :	1119-72-8
Formula:	C ₆ H ₆ O ₄
Molecular Weight:	142.11
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	cis,cis-Muconic acid (cis,cis-2,4-Hexadienedioic acid) is a naturally-occurring organic acid. It is used in the manufacture of several widely-used consumer plastics. Its microbial production via extending the shikimate pathway has been reported.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 20 mg/mL (140.74 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.0368 mL	35.184 mL	70.368 mL
5 mM	1.4074 mL	7.0368 mL	14.0736 mL
10 mM	0.7037 mL	3.5184 mL	7.0368 mL
50 mM	0.1407 mL	0.7037 mL	1.4074 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.

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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