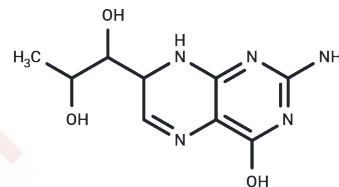


7,8-Dihydro-L-biopterin

Chemical Properties

CAS No. :	6779-87-9
Formula:	C ₉ H ₁₃ N ₅ O ₃
Molecular Weight:	239.23
Appearance:	no data available
Storage:	store at low temperature,store under nitrogen Powder: -20°C for 3 years



Biological Description

Description	7,8-Dihydro-L-biopterin is an oxidation product of tetrahydrobiopterin.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 140 mg/mL (585.2 mM),Sonication is recommended. H ₂ O: 6 mg/mL (25.08 mM),Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1801 mL	20.9004 mL	41.8008 mL
5 mM	0.836 mL	4.1801 mL	8.3602 mL
10 mM	0.418 mL	2.090 mL	4.1801 mL
50 mM	0.0836 mL	0.418 mL	0.836 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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