Data Sheet (Cat.No.T4712)

TargetMol

H-D-cis-Hyp-OH

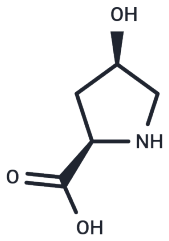
Chemical Properties

CAS No. : 2584-71-6

Formula: C5H9NO3

Molecular Weight: 131.13

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	H-D-cis-Hyp-OH (D-allo-Hydroxyproline) belongs to the class of organic compounds known as proline and derivatives. Proline and derivatives are compounds containing proline or a derivative thereof resulting from a reaction of proline at the amino group or the carboxyl group, or from the replacement of any hydrogen of glycine by a heteroatom.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H2O: 5 mM,Sonication is recommended. DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.626 mL	38.1301 mL	76.2602 mL
5 mM	1.5252 mL	7.626 mL	15.252 mL
10 mM	0.7626 mL	3.813 mL	7.626 mL
50 mM	0.1525 mL	0.7626 mL	1.5252 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

Magrane M: UniProt Knowledgebase: a hub of integrated protein data. Database (Oxford). 2011 Mar 29;2011: bar009.

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