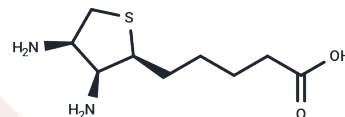


Diaminobiotin

Chemical Properties

CAS No. :	22342-46-7
Formula:	C ₉ H ₁₈ N ₂ O ₂ S
Molecular Weight:	218.32
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	Diaminobiotin is a biotin analogue that enhances the transcriptional activity of IL-2 and IL-2R genes in Jurkat cells. It does not alter the abundance of total carboxylase or the activity of propionyl-CoA carboxylase in Jurkat cells.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5804 mL	22.9022 mL	45.8043 mL
5 mM	0.9161 mL	4.5804 mL	9.1609 mL
10 mM	0.458 mL	2.2902 mL	4.5804 mL
50 mM	0.0916 mL	0.458 mL	0.9161 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

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