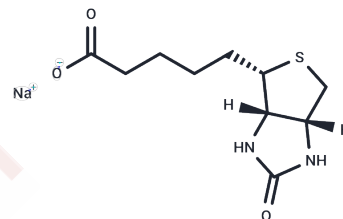


Biotin sodium

Chemical Properties

CAS No. :	56085-82-6
Formula:	C ₁₀ H ₁₅ N ₂ NaO ₃ S
Molecular Weight:	266.29
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	Biotin Sodium (Vitamin B7) is a water-soluble B vitamin acting as a coenzyme for five carboxylases critical in human metabolism, including the synthesis of fatty acids, isoleucine, and valine, as well as gluconeogenesis. It is essential for cell growth, fatty acid production, and the metabolism of fats and amino acids [1] [2] [3].
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7553 mL	18.7765 mL	37.553 mL
5 mM	0.7511 mL	3.7553 mL	7.5106 mL
10 mM	0.3755 mL	1.8777 mL	3.7553 mL
50 mM	0.0751 mL	0.3755 mL	0.7511 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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