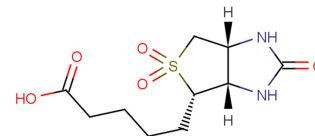


Biotin sulfone

Chemical Properties

CAS No.:	40720-05-6
Formula:	C ₁₀ H ₁₆ N ₂ O ₅ S
Molecular Weight:	276.31
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Biotin sulfone is isolated as a natural metabolite of biotin.
Targets(IC ₅₀)	Human Endogenous Metabolite: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.619 mL	18.096 mL	36.191 mL
5 mM	0.724 mL	3.619 mL	7.238 mL
10 mM	0.362 mL	1.81 mL	3.619 mL
50 mM	0.072 mL	0.362 mL	0.724 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Collot M, et al. Biotin sulfone as a new tool for synthetic oligosaccharide immobilization: application to multiple analysis profiling and surface plasmonic analysis of anti-Candida albicans antibody reactivity against alpha and beta (1-->2) oligomannosides. J Med Chem. 2008 Oct 9;51(19):6201-10.

Inhibitors · Natural Compounds · Compound Libraries

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