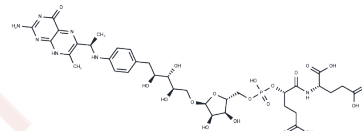


Sarcinapterin

Chemical Properties

CAS No. :	89157-12-0
Formula:	C35H48N7O19P
Molecular Weight:	901.773
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	Sarcinapterin is a coenzyme isolated from Methanosarcina barkeri.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1089 mL	5.5447 mL	11.0893 mL
5 mM	0.2218 mL	1.1089 mL	2.2179 mL
10 mM	0.1109 mL	0.5545 mL	1.1089 mL
50 mM	0.0222 mL	0.1109 mL	0.2218 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

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Raemakers-Franken PC, Voncken FG, Korteland J, Keltjens JT, van der Drift C, Vogels GD. Structural characterization of tatiopterin, a novel pterin isolated from *Methanogenium tationis*. *Biofactors*. 1989 Dec;2(2):117-22. PubMed PMID: 2624671.

White RH. Purine biosynthesis in the domain Archaea without folates or modified folates. *J Bacteriol*. 1997 May;179(10):3374-7. PubMed PMID: 9150241; PubMed Central PMCID: PMC179124.

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