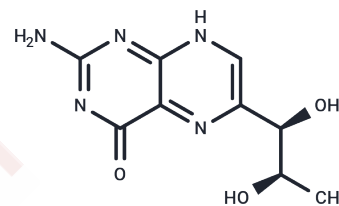


D-threo-Biopterin

Chemical Properties

CAS No. :	13019-52-8
Formula:	C ₉ H ₁₁ N ₅ O ₃
Molecular Weight:	237.22
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	D-threo-Biopterin is a pterin compound identified in <i>D. discoideum</i> . At a concentration of 100 μ M, D-threo-Biopterin enhances luminol chemiluminescence induced by the oxidizing agent chloramine-T.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2155 mL	21.0775 mL	42.155 mL
5 mM	0.8431 mL	4.2155 mL	8.431 mL
10 mM	0.4215 mL	2.1077 mL	4.2155 mL
50 mM	0.0843 mL	0.4215 mL	0.8431 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.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481