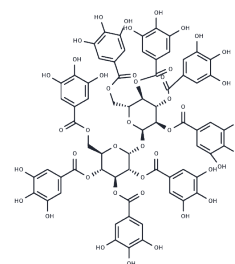


Trypanothione synthetase-IN-3

Chemical Properties

CAS No. :	1314875-96-1
Formula:	C68H54O43
Molecular Weight:	1559.13
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	Trypanothione Synthetase-IN-3, a mixed noncompetitive inhibitor of Trypanothione Synthetase (TryS) with an inhibition constant (Ki) of 0.8 μM, is useful in researching parasites like <i>L. infantum</i> [1].
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6414 mL	3.2069 mL	6.4138 mL
5 mM	0.1283 mL	0.6414 mL	1.2828 mL
10 mM	0.0641 mL	0.3207 mL	0.6414 mL
50 mM	0.0128 mL	0.0641 mL	0.1283 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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