

DDD489

Chemical Properties

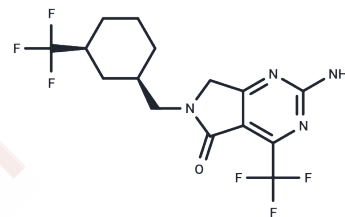
CAS No. : 3003871-43-7

Formula: C₁₅H₁₆F₆N₄O

Molecular Weight: 382.30

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	DDD489 is an effective selective inhibitor of <i>Cryptosporidium parvum</i> lysyl-tRNA synthetase (CpKRS), with an IC ₅₀ value of 0.85 μM. It exhibits anti- <i>Cryptosporidium</i> activity both in vitro and in vivo.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6157 mL	13.0787 mL	26.1575 mL
5 mM	0.5231 mL	2.6157 mL	5.2315 mL
10 mM	0.2616 mL	1.3079 mL	2.6157 mL
50 mM	0.0523 mL	0.2616 mL	0.5231 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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