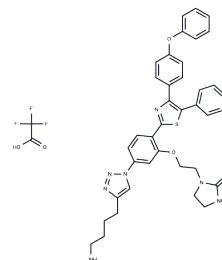


## Trypanothione synthetase-IN-1

## Chemical Properties

CAS No. :	2355349-41-4
Formula:	C40H38F3N7O5S
Molecular Weight:	785.83
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-1 (Compound 1) serves as a competitive inhibitor of Leishmania infantum trypanothione synthetase (TryS), demonstrating an IC50 value of 14.8 μM in the presence of the polyamine S, triamine spermidine [1].
Targets(IC50)	Others,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2725 mL	6.3627 mL	12.7254 mL
5 mM	0.2545 mL	1.2725 mL	2.5451 mL
10 mM	0.1273 mL	0.6363 mL	1.2725 mL
50 mM	0.0255 mL	0.1273 mL	0.2545 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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