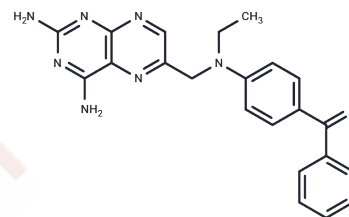


## TbPTR1 inhibitor 1

## Chemical Properties

CAS No. :	2499713-65-2
Formula:	C <sub>22</sub> H <sub>21</sub> N <sub>7</sub> O
Molecular Weight:	399.45
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	TbPTR1 inhibitor 1 (compound 5d) is an effective inhibitor of kinetochore pteridine reductase 1 (PTR1). The IC <sub>50</sub> of TbPTR1 inhibitor 1 against Trypanosoma brucei PTR1 (TbPTR1) is <0.1 nM, and its EC <sub>50</sub> against Trypanosoma brucei is 0.66 μM.
Targets(IC <sub>50</sub> )	Others,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5034 mL	12.5172 mL	25.0344 mL
5 mM	0.5007 mL	2.5034 mL	5.0069 mL
10 mM	0.2503 mL	1.2517 mL	2.5034 mL
50 mM	0.0501 mL	0.2503 mL	0.5007 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

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