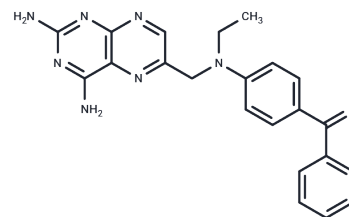


TbPTR1 inhibitor 1

Chemical Properties

CAS No. : 2499713-65-2
Formula: C₂₂H₂₁N₇O
Molecular Weight: 399.45
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	TbPTR1 inhibitor 1 (compound 5d) is an effective inhibitor of kinetochore pteridine reductase 1 (PTR1). The IC ₅₀ of TbPTR1 inhibitor 1 inhibits Trypanosoma brucei PTR1 (TbPTR1) is <0.1 nM, EC ₅₀ of TbPTR1 inhibitor 1 inhibits Trypanosoma brucei is 0.66 μM.
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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.

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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