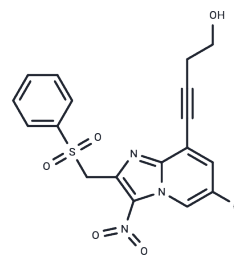


Antitrypanosomal agent 4

Chemical Properties

CAS No. :	2456427-48-6
Formula:	C ₁₈ H ₁₄ ClN ₃ O ₅ S
Molecular Weight:	419.84
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	Antitrypanosomal agent 4 (compound 19) is a potent antitrypanosomal compound that crosses the blood-brain barrier and exhibits strong resistance to <i>Trypanosoma cruzi</i> and <i>T. b. brucei</i> with IC ₅₀ values of 1.2 μM and 70 nM, respectively.
Targets(IC ₅₀)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3819 mL	11.9093 mL	23.8186 mL
5 mM	0.4764 mL	2.3819 mL	4.7637 mL
10 mM	0.2382 mL	1.1909 mL	2.3819 mL
50 mM	0.0476 mL	0.2382 mL	0.4764 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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