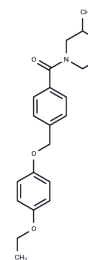


Antitrypanosomal agent 9

Chemical Properties

CAS No. :	438474-67-0
Formula:	C ₂₂ H ₂₇ N ₃ O ₃
Molecular Weight:	353.45
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	Antitrypanosomal agent 9 is a potent compound with inhibitory activity against <i>T. b. brucei</i> , exhibiting an IC ₅₀ of 1.15 μM. It is utilized in research for human African trypanosomiasis (HAT).
Targets(IC ₅₀)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8293 mL	14.1463 mL	28.2925 mL
5 mM	0.5659 mL	2.8293 mL	5.6585 mL
10 mM	0.2829 mL	1.4146 mL	2.8293 mL
50 mM	0.0566 mL	0.2829 mL	0.5659 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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