

Anti-Trypanosoma cruzi agent-6

Chemical Properties

CAS No. :

Formula: C₁₉H₂₀N₂O₅

Molecular Weight: 356.37

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	Anti-Trypanosoma cruzi agent-6 (Compound 8) exhibits inhibitory activity against Trypanosoma cruzi. It effectively suppresses the epimastigote, trypomastigote, and amastigote forms of T. cruzi, with IC ₅₀ values of 24.7 μM, 1.8 μM, and 1.6 μM, respectively.
Targets(IC ₅₀)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8061 mL	14.0304 mL	28.0607 mL
5 mM	0.5612 mL	2.8061 mL	5.6121 mL
10 mM	0.2806 mL	1.403 mL	2.8061 mL
50 mM	0.0561 mL	0.2806 mL	0.5612 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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