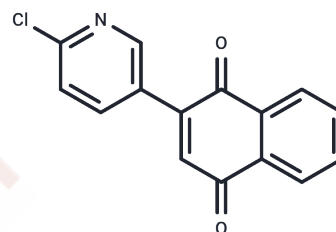


Anti-infective agent 2

Chemical Properties

CAS No. :	2521629-84-3
Formula:	C ₁₅ H ₈ ClNO ₂
Molecular Weight:	269.68
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-infective agent 2 (compound 3k) is an antiprotozoal and antimycobacterial agent. It exhibits antiparasitic activity against <i>P. falciparum</i> and <i>T. brucei rhodesiense</i> , with IC ₅₀ values of 0.07 and 2.20 μ M, respectively, and shows antimycobacterial activity against <i>Mycobacterium smegmatis</i> with a MIC of 32 μ g/mL [1].
Targets(IC ₅₀)	Others, Antibacterial, Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7081 mL	18.5405 mL	37.081 mL
5 mM	0.7416 mL	3.7081 mL	7.4162 mL
10 mM	0.3708 mL	1.854 mL	3.7081 mL
50 mM	0.0742 mL	0.3708 mL	0.7416 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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