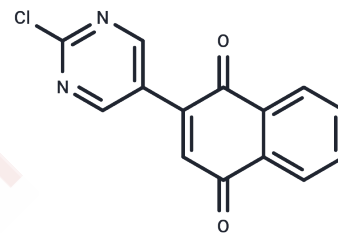


## Anti-infective agent 3

## Chemical Properties

CAS No. :	2521629-86-5
Formula:	C <sub>14</sub> H <sub>7</sub> ClN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	270.67
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 3 is an antiprotozoal and antimycobacterial agent. Anti-infective agent 3 (compound 3l) exhibits antiparasitic activity against <i>P. falciparum</i> and <i>T. brucei rhodesiense</i> , with IC <sub>50</sub> values of 0.47 and 0.13 $\mu$ M, respectively. Anti-infective agent 3 exhibits antimycobacterial activity against <i>Mycobacterium smegmatis</i> with a MIC of 4 $\mu$ g/mL [1].
Targets(IC50)	Others, Antibacterial, Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6945 mL	18.4727 mL	36.9454 mL
5 mM	0.7389 mL	3.6945 mL	7.3891 mL
10 mM	0.3695 mL	1.8473 mL	3.6945 mL
50 mM	0.0739 mL	0.3695 mL	0.7389 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481