

## Antileishmanial agent-5

## Chemical Properties

CAS No. :

Formula: C<sub>17</sub>H<sub>17</sub>ClN<sub>4</sub>O<sub>4</sub>

Molecular Weight: 376.79

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	Antileishmanial agent-4 is a ribonucleoside analogue with potent activity against <i>L. infantum</i> and <i>T. cruzi</i> , exhibiting EC <sub>50</sub> values of 0.68 μM and 0.83 μM, respectively [1].
Targets(IC50)	Others,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.654 mL	13.270 mL	26.540 mL
5 mM	0.5308 mL	2.654 mL	5.308 mL
10 mM	0.2654 mL	1.327 mL	2.654 mL
50 mM	0.0531 mL	0.2654 mL	0.5308 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.

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