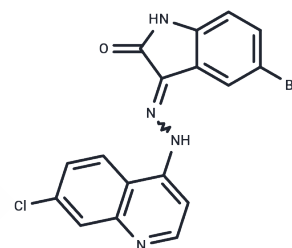


## Antileishmanial agent-13

## Chemical Properties

CAS No. : 853725-86-7  
 Formula: C<sub>17</sub>H<sub>10</sub>BrClN<sub>4</sub>O  
 Molecular Weight: 401.64  
 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-13, a quinoline-isatin hybrid, functions as an antileishmanial agent targeting the L. Major Leishmania strain through an anti-folate mechanism. This compound exhibits potent inhibition of both the promastigote and amastigote forms, boasting IC <sub>50</sub> values of 0.604 μM and 0.508 μM, respectively.
Targets(IC <sub>50</sub> )	Others,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4898 mL	12.449 mL	24.8979 mL
5 mM	0.498 mL	2.4898 mL	4.9796 mL
10 mM	0.249 mL	1.2449 mL	2.4898 mL
50 mM	0.0498 mL	0.249 mL	0.498 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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