

## Antileishmanial agent-11

## Chemical Properties

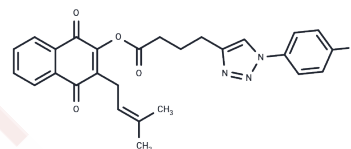
CAS No. : 2253635-71-9

Formula: C<sub>27</sub>H<sub>24</sub>ClN<sub>3</sub>O<sub>4</sub>

Molecular Weight: 489.95

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-11 is a potent antileishmanial agent that acts on Leishmania braziliensis (IC <sub>50</sub> : 28.3 μM), Leishmania infantum (IC <sub>50</sub> : 24.8 μM) and T. cruzi (IC <sub>50</sub> : 13.0 μM) with outstanding antiprotozoal effect. |
| Targets(IC <sub>50</sub> ) | Others,Parasite   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.041 mL  | 10.2051 mL | 20.4102 mL |
| 5 mM  | 0.4082 mL | 2.041 mL   | 4.082 mL   |
| 10 mM | 0.2041 mL | 1.0205 mL  | 2.041 mL   |
| 50 mM | 0.0408 mL | 0.2041 mL  | 0.4082 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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