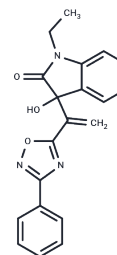


## Antiparasitic agent-2

### Chemical Properties

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| CAS No. :         | 2494277-80-2                                                  |
| Formula:          | C <sub>20</sub> H <sub>17</sub> N <sub>3</sub> O <sub>3</sub> |
| Molecular Weight: | 347.37                                                        |
| Appearance:       | no data available                                             |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year      |



### Biological Description

|             |                                                                                                                                                                                                                                                                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Antiparasitic agent-2 (compound 8a) exhibits potent antiparasitic activity against <i>Leishmania infantum</i> (L. infantum) and <i>Trypanosoma cruzi</i> (T. cruzi), with IC <sub>50</sub> s of 7.28 μM and 2.30 μM, respectively. Additionally, it demonstrates moderate cytotoxicity against HepG2 cells with a CC <sub>50</sub> of 26.79 μM [1]. |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.8788 mL | 14.3939 mL | 28.7877 mL |
| 5 mM  | 0.5758 mL | 2.8788 mL  | 5.7575 mL  |
| 10 mM | 0.2879 mL | 1.4394 mL  | 2.8788 mL  |
| 50 mM | 0.0576 mL | 0.2879 mL  | 0.5758 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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

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