

## Antileishmanial agent-9

### Chemical Properties

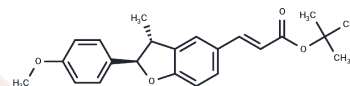
CAS No. : 2477608-91-4

Formula: C<sub>23</sub>H<sub>26</sub>O<sub>4</sub>

Molecular Weight: 366.45

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-9 (compound 16c) exhibits potent and selective activity against <i>Leishmania donovani</i> (L. donovani) with an IC <sub>50</sub> value of 4.01 μM, while demonstrating relatively low cytotoxicity in L-6 cells with an IC <sub>50</sub> value of 40.1 μM [1].
Targets(IC <sub>50</sub> )	Others,Parasite

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7289 mL	13.6444 mL	27.2889 mL
5 mM	0.5458 mL	2.7289 mL	5.4578 mL
10 mM	0.2729 mL	1.3644 mL	2.7289 mL
50 mM	0.0546 mL	0.2729 mL	0.5458 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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