

## LRH-1 antagonist-1

## Chemical Properties

CAS No. :	1185486-16-1
Formula:	C <sub>21</sub> H <sub>28</sub> N <sub>6</sub>
Molecular Weight:	364.5
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	LRH-1 antagonist-1 (Compound 3d2) is an LRH-1 antagonist with a K <sub>d</sub> of 1.8 μM. It inhibits LRH-1 transcriptional activity and reduces G0S2 expression. Additionally, LRH-1 antagonist-1 suppresses the proliferation of LRH-1 positive cancer cells and can be utilized for research in pancreatic, colon, and breast cancers.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7435 mL	13.7174 mL	27.4348 mL
5 mM	0.5487 mL	2.7435 mL	5.487 mL
10 mM	0.2743 mL	1.3717 mL	2.7435 mL
50 mM	0.0549 mL	0.2743 mL	0.5487 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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