

ML179

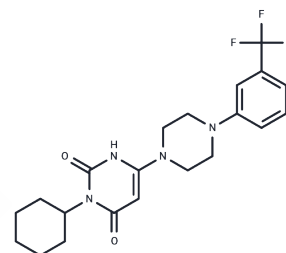
## Chemical Properties

CAS No. : 1883548-87-5

Formula: C<sub>21</sub>H<sub>25</sub>F<sub>3</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 422.44

Storage: Store at low temperature, Keep away from direct sunlight  
 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	ML179 is a potent and selective inverse agonist of liver receptor homolog-1 (LRH1, NR5A2) with IC <sub>50</sub> of 320 nM.
Targets(IC <sub>50</sub> )	Others, Orphan Receptor

## Solubility Information

Solubility	DMSO: 4.25 mg/mL (10.06 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3672 mL	11.836 mL	23.672 mL
5 mM	0.4734 mL	2.3672 mL	4.7344 mL
10 mM	0.2367 mL	1.1836 mL	2.3672 mL
50 mM	0.0473 mL	0.2367 mL	0.4734 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.

## Reference

Busby S, Nuhant P, Ca Meron M, et al. Discovery of Inverse Agonists for the Liver Receptor Homologue-1 (LRH1; NR5A2)[M]. PubMed, 2010.

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