

## GNF179 (Metabolite)

## Chemical Properties

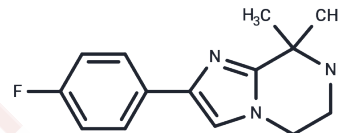
CAS No. : 1310455-86-7

Formula: C<sub>14</sub>H<sub>16</sub>FN<sub>3</sub>

Molecular Weight: 245.3

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	GNF179 Metabolite, the derivative of GNF179—an optimized 8,8-dimethyl IP analog—demonstrates significant potency (4.8 nM against the multidrug-resistant W2 strain) alongside in vitro metabolic stability and in vivo oral bioavailability.
Targets(IC50)	Others,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0766 mL	20.3832 mL	40.7664 mL
5 mM	0.8153 mL	4.0766 mL	8.1533 mL
10 mM	0.4077 mL	2.0383 mL	4.0766 mL
50 mM	0.0815 mL	0.4077 mL	0.8153 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

Meister S, et al. Imaging of Plasmodium liver stages to drive next-generation antimalarial drug discovery. Science. 2011 Dec 9;334(6061):1372-7.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481