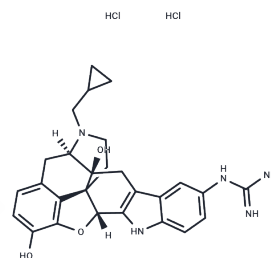


## GNTI dihydrochloride

## Chemical Properties

CAS No. :	351183-88-5
Formula:	C <sub>27</sub> H <sub>30</sub> Cl <sub>2</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	508.01
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	κ opioid receptor antagonist
Targets(IC50)	Others,Opioid Receptor

## Solubility Information

Solubility	H <sub>2</sub> O: ≤54.45 mg/mL, Sonication is recommended. DMSO: ≤54.45 mg/mL, 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	1.9685 mL	9.8423 mL	19.6847 mL
5 mM	0.3937 mL	1.9685 mL	3.9369 mL
10 mM	0.1968 mL	0.9842 mL	1.9685 mL
50 mM	0.0394 mL	0.1968 mL	0.3937 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

- Zheng X, Bauer P, Baumeister T, et al. Structure-based discovery of novel amide-containing nicotinamide phosphoribosyltransferase (Namt) inhibitors. *Journal of medicinal chemistry*, 2013, 56(16): 6413-6433.
- O'Brien T, Oeh J, Xiao Y, et al. Supplementation of Nicotinic Acid with NAMPT Inhibitors Results in Loss of In Vivo Efficacy in NAPRT1-Deficient Tumor Models. *Neoplasia*, 2013, 15(12): 1314-IN3.

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