

NB001

## Chemical Properties

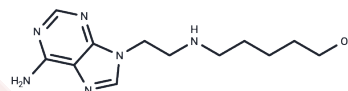
CAS No. : 686301-48-4

Formula: C<sub>12</sub>H<sub>20</sub>N<sub>6</sub>O

Molecular Weight: 264.33

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	NB001 (HTS 09836) is an adenylyl cyclase 1 inhibitor that affects both neural and non-neural pain.
Targets(IC50)	Adenylyl Cyclase

## Solubility Information

Solubility	DMSO: 45 mg/mL (170.24 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	3.7831 mL	18.9157 mL	37.8315 mL
5 mM	0.7566 mL	3.7831 mL	7.5663 mL
10 mM	0.3783 mL	1.8916 mL	3.7831 mL
50 mM	0.0757 mL	0.3783 mL	0.7566 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.

## Reference

Min Zhuo. Method for treating neuronal and non-neuronal pain. US8124599B2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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