

## Opioid receptor antagonist 2

## Chemical Properties

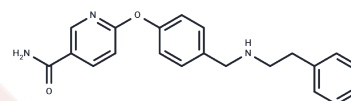
CAS No. : 676494-79-4

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

Molecular Weight: 347.41

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	Opioid receptor antagonist2 (Compound 9) is a potent opioid receptor antagonist. It can reverse fentanyl analog-induced respiratory depression and vocal cord closure in mice. Opioid receptor antagonist2 holds promise for research on acute poisoning scenarios, such as respiratory depression resulting from opioid overdose.
Targets(IC50)	Opioid Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8784 mL	14.3922 mL	28.7844 mL
5 mM	0.5757 mL	2.8784 mL	5.7569 mL
10 mM	0.2878 mL	1.4392 mL	2.8784 mL
50 mM	0.0576 mL	0.2878 mL	0.5757 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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