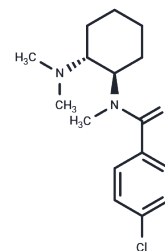


U-48520

## Chemical Properties

CAS No. : 67579-11-7  
 Formula: C<sub>16</sub>H<sub>23</sub>ClN<sub>2</sub>O  
 Molecular Weight: 294.82  
 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	U-48520 is an agonist of the $\mu$ -opioid receptor ( $\mu$ -opioid receptor) with an EC <sub>50</sub> of 1561 nM.
Targets(IC <sub>50</sub> )	Opioid Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3919 mL	16.9595 mL	33.919 mL
5 mM	0.6784 mL	3.3919 mL	6.7838 mL
10 mM	0.3392 mL	1.696 mL	3.3919 mL
50 mM	0.0678 mL	0.3392 mL	0.6784 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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