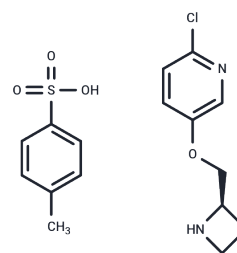


## Tebanicline tosylate

## Chemical Properties

CAS No. :	198283-74-8
Formula:	C <sub>16</sub> H <sub>19</sub> ClN <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	370.85
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	Tebanicline is a potent synthetic nicotinic (non-opioid) analgesic drug. It was developed as a less toxic analogue of the potent poison dart frog-derived compound epibatidine. Like epibatidine, tebanicline showed potent analgesic activity against neuropathic pain in both animal and human trials, but with far less toxicity than its parent compound. It acts as a partial agonist at neuronal nicotinic acetylcholine receptors, binding to both the $\alpha 3\beta 4$ and the $\alpha 4\beta 2$ subtypes.
Targets(IC50)	Others,AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6965 mL	13.4825 mL	26.9651 mL
5 mM	0.5393 mL	2.6965 mL	5.393 mL
10 mM	0.2697 mL	1.3483 mL	2.6965 mL
50 mM	0.0539 mL	0.2697 mL	0.5393 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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