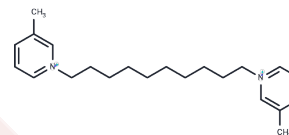


bPiDI

Chemical Properties

CAS No. : 525596-64-9
 Formula: C₂₂H₃₄I₂N₂
 Molecular Weight: 580.33
 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	bPiDI is an innovative selective antagonist of $\alpha 6\beta 2$ nicotinic receptors, which inhibits nicotine-induced striatal dopamine (DA) release by interacting with $\alpha 6\beta 2$ -containing nAChRs [1].
Targets(IC50)	AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7232 mL	8.6158 mL	17.2316 mL
5 mM	0.3446 mL	1.7232 mL	3.4463 mL
10 mM	0.1723 mL	0.8616 mL	1.7232 mL
50 mM	0.0345 mL	0.1723 mL	0.3446 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481