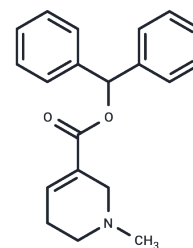


## M1 ligand 1

## Chemical Properties

CAS No. :	2479356-53-9
Formula:	C <sub>20</sub> H <sub>21</sub> NO <sub>2</sub>
Molecular Weight:	307.39
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	M1 ligand 1 (compound 3b-b) is a N-desmethyl analog of the arecoline derivative, acting as a muscarinic acetylcholine receptor M1 ligand and usable as a PET (positron emission tomography) radiotracer [1].
Targets(IC50)	Others,AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2532 mL	16.266 mL	32.532 mL
5 mM	0.6506 mL	3.2532 mL	6.5064 mL
10 mM	0.3253 mL	1.6266 mL	3.2532 mL
50 mM	0.0651 mL	0.3253 mL	0.6506 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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