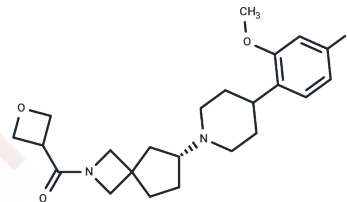


## M1/M4 muscarinic agonist 3

## Chemical Properties

CAS No. : 2640109-30-2  
 Formula: C<sub>23</sub>H<sub>31</sub>FN<sub>2</sub>O<sub>3</sub>  
 Molecular Weight: 402.5  
 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	Compound 44, identified as an M1/M4 muscarinic agonist, exhibits potent activity with EC <sub>50</sub> values of 31 nM at M1 and 9.3 nM at M4 mAChRs, respectively [1].
Targets(IC <sub>50</sub> )	AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4845 mL	12.4224 mL	24.8447 mL
5 mM	0.4969 mL	2.4845 mL	4.9689 mL
10 mM	0.2484 mL	1.2422 mL	2.4845 mL
50 mM	0.0497 mL	0.2484 mL	0.4969 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481