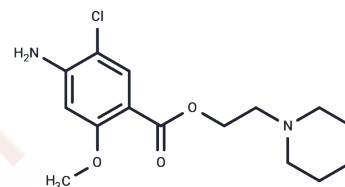


ML 10302

## Chemical Properties

CAS No. : 148868-55-7  
 Formula: C<sub>15</sub>H<sub>21</sub>ClN<sub>2</sub>O<sub>3</sub>  
 Molecular Weight: 312.79  
 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	ML 10302 is a potent 5-HT <sub>4</sub> receptor agonist (K <sub>i</sub> = 1.07 nM) that induces significant prokinesia both in the small bowel and colon by activating the cholinergic pathways. ML 10302 also shows the potential in neurology diseases research [1].
Targets(IC50)	Others, 5-HT Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.197 mL	15.9852 mL	31.9703 mL
5 mM	0.6394 mL	3.197 mL	6.3941 mL
10 mM	0.3197 mL	1.5985 mL	3.197 mL
50 mM	0.0639 mL	0.3197 mL	0.6394 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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