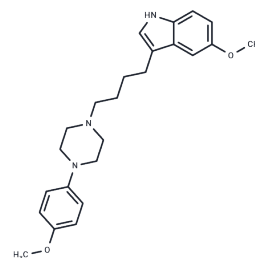


EMD 56551

## Chemical Properties

CAS No. : 133109-86-1  
 Formula: C<sub>24</sub>H<sub>31</sub>N<sub>3</sub>O<sub>2</sub>  
 Molecular Weight: 393.522  
 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	EMD 56551 is a selective small molecule 5-HT <sub>1A</sub> receptor agonist with anxiolytic activity for the study of anxiety disorders.
Targets(IC <sub>50</sub> )	5-HT Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5412 mL	12.7058 mL	25.4117 mL
5 mM	0.5082 mL	2.5412 mL	5.0823 mL
10 mM	0.2541 mL	1.2706 mL	2.5412 mL
50 mM	0.0508 mL	0.2541 mL	0.5082 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.

## Reference

Heinrich T, et al. Indolebutylamines as selective 5-HT<sub>1A</sub> agonists. J Med Chem. 2004 Sep 9;47(19):4677-83.

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