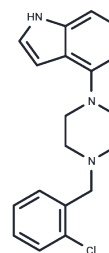


## 5-HT7 agonist 1

## Chemical Properties

CAS No. :	334974-31-1
Formula:	C <sub>19</sub> H <sub>20</sub> ClN <sub>3</sub>
Molecular Weight:	325.84
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	5-HT7 agonist 1 (4-[4-[(2-chlorophenyl)methyl]piperazin-1-yl]-1H-indole) is a selective agonist of 5-HT7 (IC <sub>50</sub> = 222.93 nM). 5-HT7 agonist 1 can be used in studies about CNS disorders.
Targets(IC <sub>50</sub> )	5-HT Receptor

## Solubility Information

Solubility	DMSO: 150 mg/mL (460.35 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.069 mL	15.345 mL	30.6899 mL
5 mM	0.6138 mL	3.069 mL	6.138 mL
10 mM	0.3069 mL	1.5345 mL	3.069 mL
50 mM	0.0614 mL	0.3069 mL	0.6138 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

Pascual-ramon, et al. 5HT7 RECEPTOR LIGANDS AND COMPOSITIONS COMPRISING THE SAME. 20110183991 A1.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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