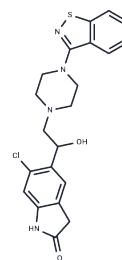


## Hydroxy ziprasidone

## Chemical Properties

CAS No. :	884305-08-2
Formula:	C <sub>21</sub> H <sub>21</sub> ClN <sub>4</sub> O <sub>2</sub> S
Molecular Weight:	428.94
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	Hydroxy ziprasidone is an impurity of Ziprasidone, an antipsychotic agent and 5-HT and dopamine receptor antagonist.
Targets(IC50)	Others,5-HT Receptor,Dopamine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3313 mL	11.6566 mL	23.3133 mL
5 mM	0.4663 mL	2.3313 mL	4.6627 mL
10 mM	0.2331 mL	1.1657 mL	2.3313 mL
50 mM	0.0466 mL	0.2331 mL	0.4663 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

- Sundaram Venkataraman, et al. Ziprasidone process. US7777037B2.  
Seeger, T.F., et al., Ziprasidone (CP-88,059): a new antipsychotic with combined dopamine and serotonin receptor antagonist activity. J Pharmacol Exp Ther, 1995. 275(1): p. 101-13.

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