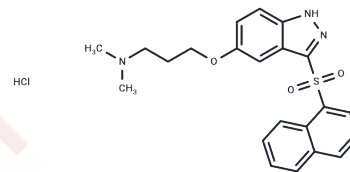


## Cerlapirdine hydrochloride

## Chemical Properties

CAS No. :	925447-04-7
Formula:	C22H24ClN3O3S
Molecular Weight:	445.96
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	Cerlapirdine, also known as SAM-531, WAY-262,531 and PF-05212365, is a selective, potent, full antagonist of the 5-hydroxytryptamine 6 (5-HT6) receptor. Cerlapirdine has been in clinical development for the treatment of cognitive disorders associated with Alzheimer's disease and schizophrenia. As of 2011, it is in phase II clinical trials, and has demonstrated a trend toward efficacy along with a good side effect profile and no incidence of serious adverse events. It exerts its effects by acting as a selective 5-HT6 receptor antagonist.
Targets(IC50)	Others,5-HT Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2424 mL	11.2118 mL	22.4235 mL
5 mM	0.4485 mL	2.2424 mL	4.4847 mL
10 mM	0.2242 mL	1.1212 mL	2.2424 mL
50 mM	0.0448 mL	0.2242 mL	0.4485 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.

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