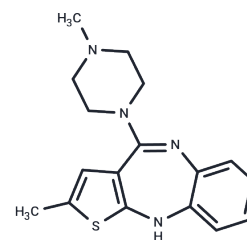


Olanzapine HCl

Chemical Properties

CAS No. :	783334-36-1
Formula:	C ₁₇ H ₂₁ ClN ₄ S
Molecular Weight:	348.89
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	Olanzapine HCl is an atypical antipsychotic. It is approved by the U.S. Food and Drug Administration (FDA) for the treatment of schizophrenia and bipolar disorder. Olanzapine is structurally similar to clozapine and quetiapine. It is a dopamine antagonist and is classified as a thienobenzodiazepine.
Targets(IC50)	Apoptosis, Mitophagy, Others, 5-HT Receptor, Adrenergic Receptor, AChR, Autophagy, Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8662 mL	14.3312 mL	28.6623 mL
5 mM	0.5732 mL	2.8662 mL	5.7325 mL
10 mM	0.2866 mL	1.4331 mL	2.8662 mL
50 mM	0.0573 mL	0.2866 mL	0.5732 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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