

Asenapine citrate

Chemical Properties

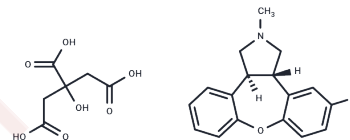
CAS No. : 1411867-74-7

Formula: C₂₃H₂₄ClNO₈

Molecular Weight: 477.89

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	Asenapine citrate is an atypical antipsychotic drug and is a 5-hydroxytryptamine receptor (pKi: 8.4-10.5), adrenoceptor (pKi: 8.9-9.5), dopamine receptor (pKi: 8.9-9.4), and histamine receptor (pKi: 8.2-9.0) antagonists of multiple receptors. Asenapine citrate can be used to study schizophrenia and bipolar disorder.
Targets(IC50)	Others,5-HT Receptor,Adrenergic Receptor,Histamine Receptor,Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0925 mL	10.4627 mL	20.9253 mL
5 mM	0.4185 mL	2.0925 mL	4.1851 mL
10 mM	0.2093 mL	1.0463 mL	2.0925 mL
50 mM	0.0419 mL	0.2093 mL	0.4185 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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