

## Asenapine impurity 1

## Chemical Properties

CAS No. :	165890-26-6
Formula:	C <sub>17</sub> H <sub>14</sub> ClNO <sub>2</sub>
Molecular Weight:	299.75
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Asenapine impurity 1 is an impurity of Asenapine, an atypical antipsychotic that acts as an antagonist at multiple receptors, including serotonin receptors (5-HT receptors, pKi: 8.4-10.5), adrenoceptors (pKi: 8.9-9.5), dopamine receptors (pKi: 8.9-9.4), and histamine receptors (pKi: 8.2-9.0). Asenapine is used in studying schizophrenia and bipolar disorder.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3361 mL	16.6806 mL	33.3611 mL
5 mM	0.6672 mL	3.3361 mL	6.6722 mL
10 mM	0.3336 mL	1.6681 mL	3.3361 mL
50 mM	0.0667 mL	0.3336 mL	0.6672 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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