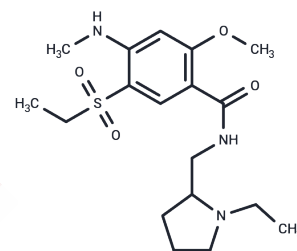


LB-102

## Chemical Properties

CAS No. : 2227154-23-4  
 Formula: C<sub>18</sub>H<sub>29</sub>N<sub>3</sub>O<sub>4</sub>S  
 Molecular Weight: 383.51  
 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	LB-102 is an orally active inhibitor of dopamine D <sub>2</sub> , D <sub>3</sub> , and serotonin 5-HT <sub>7</sub> receptors, utilized in the study of schizophrenia and other psychiatric disorders.
Targets(IC <sub>50</sub> )	5-HT Receptor, Dopamine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6075 mL	13.0375 mL	26.0749 mL
5 mM	0.5215 mL	2.6075 mL	5.215 mL
10 mM	0.2607 mL	1.3037 mL	2.6075 mL
50 mM	0.0521 mL	0.2607 mL	0.5215 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