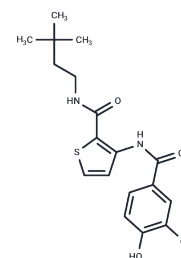


HSD17B13-IN-12

## Chemical Properties

CAS No. : 2758802-04-7  
 Formula: C<sub>18</sub>H<sub>21</sub>ClN<sub>2</sub>O<sub>3</sub>S  
 Molecular Weight: 380.89  
 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	HSD17B13-IN-12 (Compound 3), functioning as an inhibitor of hydroxysteroid 17 $\beta$ -dehydrogenase 13 (HSD17B13), exhibits potent activity with an IC <sub>50</sub> value of $\leq 0.1 \mu\text{M}$ against both leukotriene B <sub>3</sub> and estradiol. This compound is applicable in studying various conditions including liver diseases, metabolic disorders, and cardiovascular diseases like NAFLD or NASH, as well as drug-induced liver injury (DILI) [1].
Targets(IC <sub>50</sub> )	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6254 mL	13.1271 mL	26.2543 mL
5 mM	0.5251 mL	2.6254 mL	5.2509 mL
10 mM	0.2625 mL	1.3127 mL	2.6254 mL
50 mM	0.0525 mL	0.2625 mL	0.5251 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