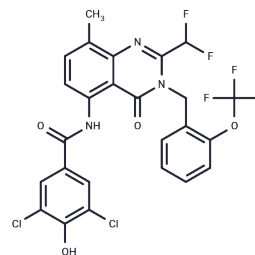


HSD17B13-IN-71

## Chemical Properties

CAS No. : 2770247-40-8  
 Formula: C<sub>25</sub>H<sub>16</sub>Cl<sub>2</sub>F<sub>5</sub>N<sub>3</sub>O<sub>4</sub>  
 Molecular Weight: 588.31  
 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-71 (Compound 149), an effective inhibitor of hydroxysteroid 17 $\beta$ -dehydrogenase 13 (HSD17B13), displays potent activity with an IC <sub>50</sub> value of $\leq 0.1 \mu\text{M}$ against estradiol. This compound is applicable in the study of various disorders including liver diseases, metabolic diseases, and cardiovascular conditions such as NAFLD or NASH, in addition to drug-induced liver injury (DILI) [1].
Targets(IC50)	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6998 mL	8.4989 mL	16.9978 mL
5 mM	0.340 mL	1.6998 mL	3.3996 mL
10 mM	0.170 mL	0.8499 mL	1.6998 mL
50 mM	0.034 mL	0.170 mL	0.340 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481