

HSD17B13-IN-49

## Chemical Properties

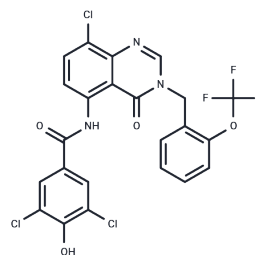
CAS No. : 2770246-74-5

Formula: C<sub>23</sub>H<sub>13</sub>Cl<sub>3</sub>F<sub>3</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight: 558.72

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-49 (Compound 81) acts as an inhibitor targeting hydroxysteroid 17 $\beta$ -dehydrogenase 13 (HSD17B13), demonstrating an IC <sub>50</sub> value of $\leq 0.1 \mu\text{M}$ for estradiol. It is utilized in studies exploring liver, metabolic, and cardiovascular diseases, including NAFLD, NASH, and drug-induced liver injury (DILI) [1].
Targets(IC <sub>50</sub> )	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7898 mL	8.949 mL	17.8981 mL
5 mM	0.358 mL	1.7898 mL	3.5796 mL
10 mM	0.179 mL	0.8949 mL	1.7898 mL
50 mM	0.0358 mL	0.179 mL	0.358 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