

HSD17B13-IN-40

## Chemical Properties

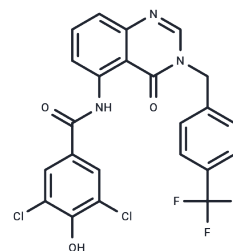
CAS No. : 2770246-06-3

Formula: C<sub>23</sub>H<sub>14</sub>Cl<sub>2</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 508.28

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-40 (compound 6) serves as a potent inhibitor of hydroxysteroid 17 $\beta$ -dehydrogenase 13 (HSD17B13), exhibiting an IC <sub>50</sub> value of less than 0.1 $\mu$ M using estradiol as substrates. This compound is significant in the treatment of nonalcoholic fatty liver diseases (NAFLDs), including nonalcoholic steatohepatitis (NASH) [1].
Targets(IC <sub>50</sub> )	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9674 mL	9.8371 mL	19.6742 mL
5 mM	0.3935 mL	1.9674 mL	3.9348 mL
10 mM	0.1967 mL	0.9837 mL	1.9674 mL
50 mM	0.0393 mL	0.1967 mL	0.3935 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