

HSD17B13-IN-42

Chemical Properties

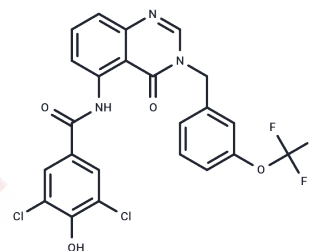
CAS No. : 2770246-10-9

Formula: C₂₃H₁₄Cl₂F₃N₃O₄

Molecular Weight: 524.28

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-42 (compound 10) is a potent inhibitor of hydroxysteroid 17β-dehydrogenase 13 (HSD17B13), with an IC ₅₀ of < 0.1 μM using estradiol as substrates. HSD17B13-IN-42 plays an important role in nonalcoholic fatty liver diseases (NAFLDs) including NASH (nonalcoholic steatohepatitis) [1].
Targets(IC ₅₀)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9074 mL	9.5369 mL	19.0738 mL
5 mM	0.3815 mL	1.9074 mL	3.8148 mL
10 mM	0.1907 mL	0.9537 mL	1.9074 mL
50 mM	0.0381 mL	0.1907 mL	0.3815 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