

Elobixibat hydrate

Chemical Properties

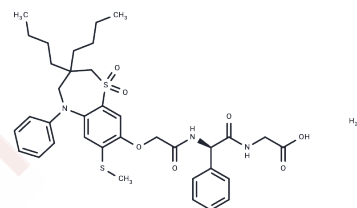
CAS No. : 1633824-78-8

Formula: C₃₆H₄₇N₃O₈S₂

Molecular Weight: 713.9

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	Elobixibat hydrate, a potent inhibitor of the ileal bile acid transporter (IBAT), exhibits IC ₅₀ values of 0.53 ± 0.17 nM, 0.13 ± 0.03 nM, and 5.8 ± 1.6 nM for human, mouse, and canine IBAT, respectively. It is utilized in the research of chronic idiopathic constipation (CIC).
Targets(IC ₅₀)	Others,ASBT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4008 mL	7.0038 mL	14.0076 mL
5 mM	0.2802 mL	1.4008 mL	2.8015 mL
10 mM	0.1401 mL	0.7004 mL	1.4008 mL
50 mM	0.028 mL	0.1401 mL	0.2802 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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