

Elobixibat-D5

Chemical Properties

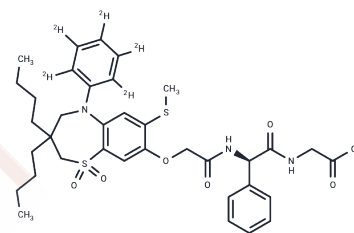
CAS No. :

Formula: C₃₆H₄₀D₅N₃O₇S₂

Molecular Weight: 700.92

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-D5 is a deuterated compound of Elobixibat. Elobixibat (T15209) has a CAS number of 439087-18-0. Elobixibat (T15209) is an inhibitor of the ileal bile acid transporter (IC₅₀: 0.13 nM, 0.53 nM, and 5.8 nM for mouse, human, and canine IBAT). Elobixibat (T15209) can be used in studies about chronic idiopathic constipation.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4267 mL	7.1335 mL	14.267 mL
5 mM	0.2853 mL	1.4267 mL	2.8534 mL
10 mM	0.1427 mL	0.7133 mL	1.4267 mL
50 mM	0.0285 mL	0.1427 mL	0.2853 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.

Reference

- Wong BS, et al. Elobixibat for the treatment of constipation. Expert Opin Investig Drugs. 2013 Feb; 22(2):277-84.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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