

Elobixibat

Chemical Properties

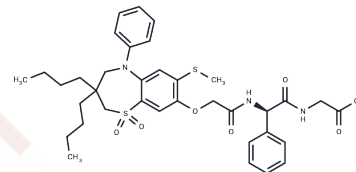
CAS No. : 439087-18-0

Formula: C₃₆H₄₅N₃O₇S₂

Molecular Weight: 695.89

Appearance: Solid

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Elobixibat (A 3309) is an inhibitor of the ileal bile acid transporter (IC ₅₀ : 0.13 nM, 0.53 nM, and 5.8 nM for mouse, human, and canine IBAT). Elobixibat can be used in studies about chronic idiopathic constipation.
Targets(IC ₅₀)	Others,Interleukin,TNF,ASBT

Solubility Information

Solubility	DMSO: 225 mg/mL (323.33 mM),Sonication is recommended. 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 5 mg/mL (7.19 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.437 mL	7.185 mL	14.3701 mL
5 mM	0.2874 mL	1.437 mL	2.874 mL
10 mM	0.1437 mL	0.7185 mL	1.437 mL
50 mM	0.0287 mL	0.1437 mL	0.2874 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.

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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481