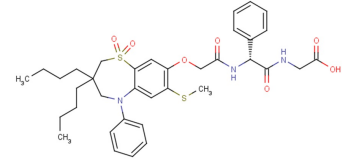


## Data Sheet (Cat.No.T15209)

Elobixibat

### Chemical Properties

CAS No.: 439087-18-0  
 Formula: C<sub>36</sub>H<sub>45</sub>N<sub>3</sub>O<sub>7</sub>S<sub>2</sub>  
 Molecular Weight: 695.89  
 Appearance: N/A  
 Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



### Biological Description

Description	Elobixibat is a potent inhibitor of ileal bile acid transporter (IBAT) (IC <sub>50</sub> : 0.53 ± 0.17 nM, 0.13 ± 0.03 nM, and 5.8 ± 1.6 nM for human IBAT, mouse IBAT, and canine IBAT).
Targets(IC <sub>50</sub> )	human IBAT: 0.53±0.17 nM mouse IBAT: 0.13±0.03 nM canine IBAT: 5.8±1.6 nM

### Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.437 mL	7.185 mL	14.37 mL
5 mM	0.287 mL	1.437 mL	2.874 mL
10 mM	0.144 mL	0.719 mL	1.437 mL
50 mM	0.029 mL	0.144 mL	0.287 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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