



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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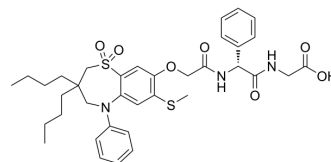
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## Elobixibat (Standard)

<b>Cat. No.:</b>	HY-15790R
<b>CAS No.:</b>	439087-18-0
<b>Molecular Formula:</b>	C <sub>36</sub> H <sub>45</sub> N <sub>3</sub> O <sub>7</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	695.89
<b>Target:</b>	Apical Sodium-Dependent Bile Acid Transporter; Interleukin Related; TNF Receptor
<b>Pathway:</b>	Membrane Transporter/Ion Channel; Immunology/Inflammation; Apoptosis
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Elobixibat (Standard) is the analytical standard of Elobixibat. This product is intended for research and analytical applications. Elobixibat is a potent ileal bile acid transporter (IBAT) inhibitor with IC <sub>50</sub> values of 0.53 ± 0.17 nM, 0.13 ± 0.03 nM, and 5.8 ± 1.6 nM for human IBAT, mouse IBAT, and canine IBAT.
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 0.53±0.17 nM (human IBAT), 0.13±0.03 nM (mouse IBAT), 5.8±1.6 nM (canine IBAT) <sup>[1]</sup> .

### REFERENCES

- [1]. Wong BS, et al. Elobixibat for the treatment of constipation. *Expert Opin Investig Drugs*. 2013 Feb; 22(2):277-84.
- [2]. Sugiyama Y, et al. Impact of elobixibat on liver tumors, microbiome, and bile acid levels in a mouse model of nonalcoholic steatohepatitis. *Hepatal Int*. 2023 Dec;17(6):1378-1392.
- [3]. Yamauchi R, et al. Elobixibat, an ileal bile acid transporter inhibitor, ameliorates non-alcoholic steatohepatitis in mice. *Hepatal Int*. 2021 Apr;15(2):392-404.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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