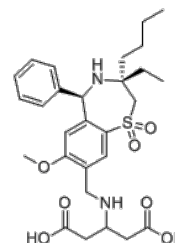


Product Name : Linerixibat
Cat. No. : PC-61384
CAS No. : 1345982-69-5
Molecular Formula : C₂₈H₃₈N₂O₇S
Molecular Weight : 546.679
Target : ASBT Transporter (SLC10A2)
Solubility : 10 mM in DMSO



Biological Activity

Linerixibat (GSK2330672) is a highly potent, selective, ileal apical sodium-dependent bile acid transporter (**ASBT**) inhibitor with IC₅₀ of 2.1/1.9 nM for mouse/rat ASBT, respectively.

Linerixibat (GSK2330672) lowers glucose in an animal model of type 2 diabetes, shows excellent developability properties for evaluating the potential therapeutic utility of a nonabsorbable ASBT inhibitor for treatment of patients with type 2 diabetes.

References

Wu Y, et al. *J Med Chem*. 2013 Jun 27;56(12):5094-114.

Nunez DJ, et al. *Diabetes Obes Metab*. 2016 Jul;18(7):654-62.

Hegade VS, et al. *Lancet*. 2017 Mar 18;389(10074):1114-1123.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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