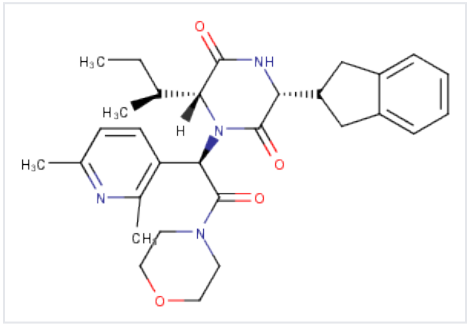
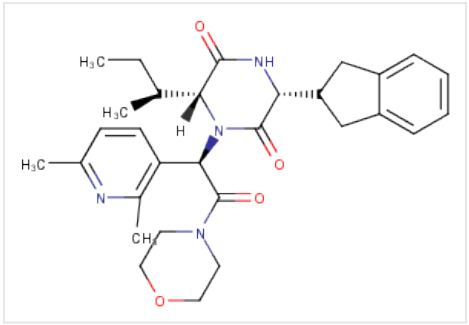
Epelsiban Inhibitor

PRODUCT OVERVIEW

Product Name	Epelsiban, Inhibitor
Full Product Name	Epelsiban
Product Synonym Names	GSK 557296
Purity/Purification	98%
Preparation and Storage	Powder: -2 degree C for 3 years In solvent: -80 degree C for 2 years
Molecular Weight	518.658
SMILES	[H][C@]1([C@@H](C)CC)N([C@@H](C(=O)N2CCOCC2)c2ccc(C)nc2C)C(=O)[C@H](NC1=O)C1Cc2ccccc2C1
Formula	C30H38N4O4
CAS Number	872599-83-2
Target	Others Human oxytocin receptor: (pKi)9.9, Human oxytocin receptor: 192nM
Solubility	(<1mg/mL refers to the product slightly soluble or insoluble)
In_vitro	Epelsiban has low levels of intrinsic clearance against the microsomes of rat, dog, and cynomolgus monkey, good bioavailability (55%), but is negative in the genotoxicity screens with a satisfactory oral safety profile in female rats.Epelsiban shows an IC50 of 192nM for oxytocin receptor in rats.
Product Categories/Family for Epelsiban, inhibitor	Others
Related Product Information for Epelsiban, inhibitor	Epelsiban is a selective and orally bioavailable oxytocin receptor antagonist (pKi: 9.9 for Human oxytocin receptor).
Product References and Citations for Epelsiban, inhibitor	1 Borthwic AD e al Pyridyl-2,5-diketopiperazine a potent selective an orall bioavailabl oxytoci antagonists synthesis pharmacokinetics an i viv potency Me Chem 201 Ja 26 5(2):783-96.
Other Notes	Small volumes of Epelsiban, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Epelsiban purchase	MBS5766766 is an inhibitor targeting Epelsiban.



Structure of Epelsiban, inhibitor
Epelsiban, CAS 872599-83-2



Structure of Epelsiban, inhibitor
Epelsiban, CAS 872599-83-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/epelsiban/5766766