

Revexepride

Catalog No: tcsc7441



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

219984-49-3

Formula:

$C_{21}H_{32}ClN_3O_4$

Pathway:

Metabolic Enzyme/Protease;Neuronal Signaling;GPCR/G Protein

Target:

Cytochrome P450;5-HT Receptor;5-HT Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

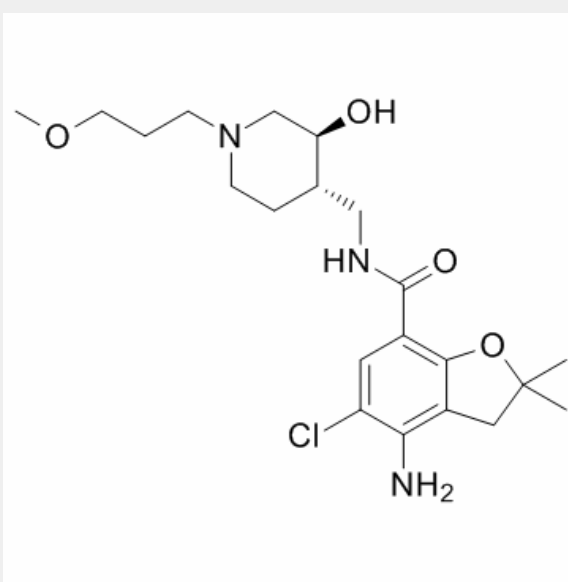
425.95

Product Description

Revexepride is a highly selective **5-HT₄ receptor** agonist, and a potential inducer of **CYP3A4 enzyme**, used for the treatment of gastroesophageal reflux disease.

In Vitro:

The human CYP isoenzymes are involved in the metabolism of revexepride, which is mainly metabolized in vitro in humans by CYP3A4 (99.9%) with a minor contribution of CYP2D6 (0.1%). Revexepride exhibits direct inhibition of human CYP3A4 in vitro with IC₅₀ values of 16-49 μM ^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!