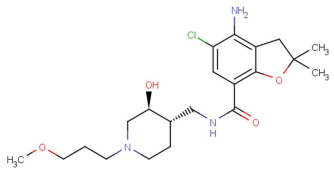
Data Sheet (Cat.No.T16737)

TargetMol
A DRUG SCREENING EXPERT

Revexepride

Chemical Properties



CAS No.:	219984-49-3
Formula:	C21H32ClN3O4
Molecular Weight:	425.95
Appearance:	N/A
Storage:	0-4℃ for short term (days to weeks), or -20℃ for long term (months).

Biological Description

Description	Revexepride is a highly selective agonist of the 5-HT4 receptor and a potential inducer of CYP3A4 enzyme. Revexepride is used for the treatment of gastroesophageal reflux disease.
Targets(IC_{50})	Others: None
In vitro	Revexepride shows direct inhibition of human CYP3A4 in vitro (IC50: 16-49 μM)[1].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.348 mL	11.738 mL	23.477 mL
5 mM	0.47 mL	2.348 mL	4.695 mL
10 mM	0.235 mL	1.174 mL	2.348 mL
50 mM	0.047 mL	0.235 mL	0.47 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 ℃ for 6 months; - 20 ℃ for 1 month. Please use it as soon as possible.

Reference

1. David Pierce, et al. A phase 1 randomized study evaluating the effect of omeprazole on the pharmacokinetics of a novel 5-hydroxytryptamine receptor 4 agonist, revexepride (SSP-002358), in healthy adults. Drug Des Devel Ther. 2015; 9: 1257-1268.

Inhibitors · Natural Compounds · Compound Libraries

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