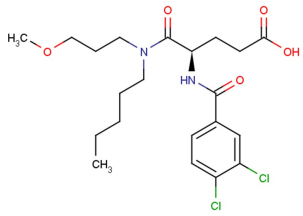
Data Sheet (Cat.No.T15105)

TargetMol
A DRUG SCREENING EXPERT

Dexloxiglumide

Chemical Properties



CAS No.:	119817-90-2
Formula:	C21H30Cl2N2O5
Molecular Weight:	461.38
Appearance:	N/A
Storage:	0-4℃ for short term (days to weeks), or -20℃ for long term (months).

Biological Description

Description	Dexloxiglumide, an active enantiomer of Loxiglumide, inhibits smooth muscle cell contractions induced by cholecystokinin-octapeptide (CCK-8). It is a selective antagonist of cholecystokinin type A (CCKA) receptors.
Targets(IC_{50})	Others: None

Solubility Information

Solubility	DMSO: 50 mg/mL (108.37 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.167 mL	10.837 mL	21.674 mL
5 mM	0.433 mL	2.167 mL	4.335 mL
10 mM	0.217 mL	1.084 mL	2.167 mL
50 mM	0.043 mL	0.217 mL	0.433 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. Scarpignato C, et al. Effect of dexloxiglumide and spiroglumide, two new CCK-receptor antagonists, on gastric emptying and secretion in the rat: evaluation of their receptor selectivity in vivo. Aliment Pharmacol Ther. 1996 Jun;10(3):411-9.
2. Maselli MA, et al. CCK1 receptor antagonist, dexloxiglumide: effects on human isolated gallbladder. Potential clinical applications. Minerva Gastroenterol Dietol. 2003 Sep;49(3):211-6.

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