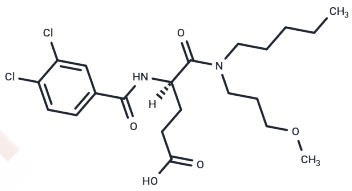
Data Sheet (Cat.No.T15105)

TargetMol

Dexloxiglumide

Chemical Properties



CAS No. : 119817-90-2

Formula: C21H30Cl2N2O5

Molecular Weight: 461.38

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

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(IC50)	Others

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1674 mL	10.8371 mL	21.6741 mL
5 mM	0.4335 mL	2.1674 mL	4.3348 mL
10 mM	0.2167 mL	1.0837 mL	2.1674 mL
50 mM	0.0433 mL	0.2167 mL	0.4335 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

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.

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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