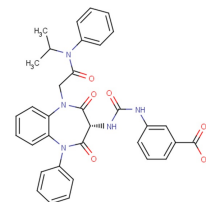


GI 181771

Chemical Properties

CAS No.:	305366-98-7
Formula:	C ₃₄ H ₃₁ N ₅ O ₆
Molecular Weight:	605.64
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	GI 181771 is an agonist of cholecystkinin 1 receptor. It is used for investigating the treatment of obesity.
Targets(IC ₅₀)	Cholecystkinin 1 receptor: None

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.651 mL	8.256 mL	16.511 mL
5 mM	0.33 mL	1.651 mL	3.302 mL
10 mM	0.165 mL	0.826 mL	1.651 mL
50 mM	0.033 mL	0.165 mL	0.33 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 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Myer JR, et al. Species- and dose-specific pancreatic responses and progression in single- and repeat-dose studies with GI181771X: a novel cholecystkinin 1 receptor agonist in mice, rats, and monkeys. Toxicol Pathol. 2014 Jan;42(1):260-74.
2. Roses AD, et al. Stimulation of cholecystkinin-A receptors with GI181771X: a failed clinical trial that did not test the pharmacogenetic hypothesis for reduction of food intake. Clin Pharmacol Ther. 2009 Apr;85(4):362-5.

Inhibitors · Natural Compounds · Compound Libraries

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