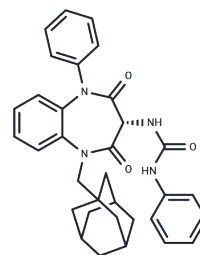


GV150013

## Chemical Properties

CAS No. : 167355-22-8  
 Formula: C<sub>33</sub>H<sub>34</sub>N<sub>4</sub>O<sub>3</sub>  
 Molecular Weight: 534.65  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	GV150013 is an antagonist of cholecystokinin-2 (CCK2) receptor.
Targets(IC50)	Others,Cholecystokinin Receptor

## Solubility Information

Solubility	DMSO: 50 mg/mL (93.52 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8704 mL	9.3519 mL	18.7038 mL
5 mM	0.3741 mL	1.8704 mL	3.7408 mL
10 mM	0.187 mL	0.9352 mL	1.8704 mL
50 mM	0.0374 mL	0.187 mL	0.3741 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Fornai M, et al. Cholecystokinin CCK2 receptors mediate the peptide's inhibitory actions on the contractile activity of human distal colon via the nitric oxide pathway. Br J Pharmacol. 2007 Aug;151(8):1246-53.

Fornai M, et al. CCK2 receptors mediate inhibitory effects of cholecystokinin on the motor activity of guinea-pig distal colon. Eur J Pharmacol. 2007 Feb 28;557(2-3):212-20.

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