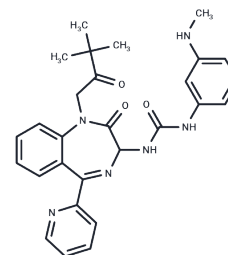


## CCK-B Receptor Antagonist 1

## Chemical Properties

CAS No. :	168161-71-5
Formula:	C <sub>28</sub> H <sub>30</sub> N <sub>6</sub> O <sub>3</sub>
Molecular Weight:	498.58
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	CCK-B Receptor Antagonist 1 is a cholecystokinin B (CCK-B) receptor agonist and has the potential of reducing the secretion of gastric acid.
Targets(IC50)	Others,Cholecystokinin Receptor
In vitro	CCK-B Receptor Antagonist 1 is a CCK-B receptor antagonist, and has the potential of reducing the secretion of gastric acid.

## Solubility Information

Solubility	DMSO: 125 mg/mL (250.71 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL (6.62 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

### Preparing Stock Solutions

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	<b>1mg</b>	<b>5mg</b>	<b>10mg</b>
1 mM	2.0057 mL	10.0285 mL	20.057 mL
5 mM	0.4011 mL	2.0057 mL	4.0114 mL
10 mM	0.2006 mL	1.0028 mL	2.0057 mL
50 mM	0.0401 mL	0.2006 mL	0.4011 mL

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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

Hamish Ryder, et al. Benzodiazepin derivatives useful as cck-receptor antagonists. WO 1993016999 A1.

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