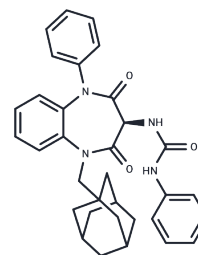


GV-150013X

## Chemical Properties

CAS No. : 151386-96-8  
 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	GV-150013X ((S)-1-(1-(adamantan-1-ylmethyl)-2,4-dioxo-5-phenyl-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)-3-phenylurea) is a potent CCKB antiagonist, pKi= 9.02.
Targets(IC50)	Cholecystokinin Receptor

## Solubility Information

Solubility	DMSO: 9 mg/mL (16.83 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

Gabriella, Finizia, and, et al. Synthesis and evaluation of novel 1,5-Benzodiazepines as potent and selective CCK-B ligands. Effect of the substitution of the N-5 phenyl with alkyl groups[J]. Bioorganic & Medicinal Chemistry Letters, 1996.

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