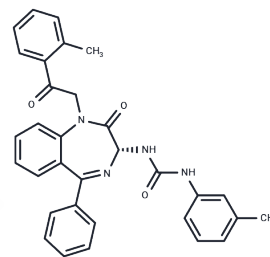


YM022

Chemical Properties

CAS No. : 145084-28-2
 Formula: C₃₂H₂₈N₄O₃
 Molecular Weight: 516.59
 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	YM022 is a highly effective and selective gastrin/cholecystokinin (CCK)-B receptor antagonist. YM022 can inhibit gastrin-induced gastric acid secretion and histidine decarboxylase activation in vivo. YM022 shows the Ki values of 68 pM and 63 nM for CCK-B and CCK-A receptor, respectively.
Targets(IC50)	CCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9358 mL	9.6789 mL	19.3577 mL
5 mM	0.3872 mL	1.9358 mL	3.8715 mL
10 mM	0.1936 mL	0.9679 mL	1.9358 mL
50 mM	0.0387 mL	0.1936 mL	0.3872 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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