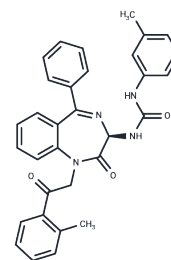


YM022

## Chemical Properties

CAS No. : 145084-28-2  
 Formula: C<sub>32</sub>H<sub>28</sub>N<sub>4</sub>O<sub>3</sub>  
 Molecular Weight: 516.59  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## 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 K <sub>i</sub> values of 68 pM and 63 nM for CCK-B and CCK-A receptor, respectively. |
| Targets(IC <sub>50</sub> ) | 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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