

RC-3095

Chemical Properties

CAS No. : 138147-78-1

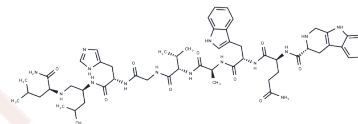
Formula: C₅₆H₇₉N₁₅O₉

Molecular Weight: 1106.32

Keep away from moisture

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	RC-3095, a selective GRPR antagonist, has been shown to have anti-inflammatory properties in different models of inflammation.
Targets(IC ₅₀)	Bombesin Receptor

Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9039 mL	4.5195 mL	9.039 mL
5 mM	0.1808 mL	0.9039 mL	1.8078 mL
10 mM	0.0904 mL	0.4519 mL	0.9039 mL
50 mM	0.0181 mL	0.0904 mL	0.1808 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

Konturek SJ, et al. Antagonism of receptors for bombesin, gastrin and cholecystokinin in pancreatic secretion and growth. Digestion. 1991;48(2):89-97.

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