

RC-3095 TFA

## Chemical Properties

CAS No. : 1217463-61-0

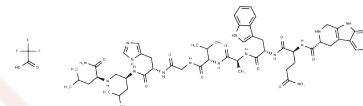
Formula: C<sub>58</sub>H<sub>80</sub>F<sub>3</sub>N<sub>15</sub>O<sub>11</sub>

Molecular Weight: 1220.34

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 TFA (RC-3095 (TFA)) is a bombesin/gastrin-releasing peptide (BN/GRP) antagonist with potential anticancer activity.
Targets(IC50)	Bombesin Receptor

## Solubility Information

Solubility	H <sub>2</sub> 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	0.8194 mL	4.0972 mL	8.1944 mL
5 mM	0.1639 mL	0.8194 mL	1.6389 mL
10 mM	0.0819 mL	0.4097 mL	0.8194 mL
50 mM	0.0164 mL	0.0819 mL	0.1639 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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