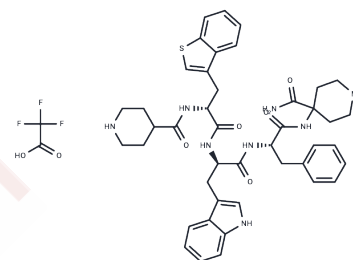


Relamorelin TFA

Chemical Properties

CAS No. :	2863659-22-5
Formula:	C45H51F3N8O7S
Molecular Weight:	905
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Relamorelin (RM-131) TFA, a pentapeptide ghrelin analog, is a potent and selective agonist for the ghrelin/growth hormone secretagogue receptor (GHSR), exhibiting a K_i of 0.42 nM for the GHS-1a receptor. This compound can cross the blood-brain barrier and effectively increases growth hormone levels while promoting faster gastric emptying, showing significant research potential for conditions such as cachexia, gastroparesis, and disorders related to gastric/intestinal motility [1] [2] [3] [4] [5].
Targets(IC50)	GHSR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.105 mL	5.5249 mL	11.0497 mL
5 mM	0.221 mL	1.105 mL	2.2099 mL
10 mM	0.1105 mL	0.5525 mL	1.105 mL
50 mM	0.0221 mL	0.1105 mL	0.221 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481