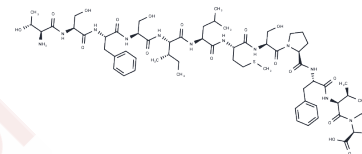


GPR110 peptide agonist P12

Chemical Properties

CAS No. :	1778685-49-6
Formula:	C63H96N12O17S
Molecular Weight:	1325.57
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	GPR110 peptide agonist P12 is a peptide that acts as an agonist for GPR110. This compound markedly enhances the initial rate of G protein GTPγS binding stimulated by GPR110. It mimics the action of the natural ligand, causing the extracellular domain (ECD) of GPR110 to dissociate from the seven-transmembrane domain (7TM) and exposing the N-terminal β-strand-13/stalk region of the 7TM domain, which acts as the agonist activating G protein signaling. GPR110 peptide agonist P12 is applicable in research related to developmental disorders and cancers associated with GPR110.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7544 mL	3.772 mL	7.5439 mL
5 mM	0.1509 mL	0.7544 mL	1.5088 mL
10 mM	0.0754 mL	0.3772 mL	0.7544 mL
50 mM	0.0151 mL	0.0754 mL	0.1509 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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