

GPR110 peptide agonist P12 acetate

Chemical Properties

CAS No. :

Formula: C₆₅H₁₀₀N₁₂O₁₉S.xC₂H₄O₂

Molecular Weight:

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

GPR110 peptide agonist P12 acetate is an acetate form of GPR110 peptide agonist P12 and acts as a potent agonist for GPR110. This peptide significantly enhances the initial rate of G protein GTPγS binding stimulated by GPR110. By mimicking the action of natural ligands, GPR110 peptide agonist P12 acetate causes the extracellular domain (ECD) of GPR110 to dissociate from the seven transmembrane domain (7TM), revealing the N-terminal β-strand-13/stalk region of the 7TM domain, which facilitates the activation of G protein signaling. This compound is utilized in research related to developmental disorders and cancers associated with GPR110.

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