

Kiss2 peptide acetate

Chemical Properties

CAS No. :

Formula: C₆₃H₈₄N₁₆O₁₂.x2H₄O₂

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	Kiss2 peptide acetate is the acetate form of Kiss2 peptide, serving as a positive regulator of reproduction. It binds to its homologous receptor Kiss2R (GPR54) in COS-7 cells, activating the PKA and PKC signaling pathways through Gas and Gαq proteins. This activation enhances the activity of both cAMP response element-dependent luciferase (CRE-luc) and serum response element-dependent luciferase (SRE-luc).
Targets(IC50)	Kisspeptin,PKA,PKC

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481