

palm11-PrRP31

## Chemical Properties

CAS No. :

Formula: C181H289N55O46S

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

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|---------------|--|
| Description   | Palm11-PrRP31 is a lipid-modified analog of the endogenous appetite-suppressing neuropeptide (PrRP). It functions as a potent dual agonist for GPR10 (EC50 = 39 pM) and NPFF-R2. By mimicking the natural activity of PrRP, palm11-PrRP31 binds to these receptors to reduce food intake. It has potential applications as an anti-obesity agent and is useful in studying neuropeptide and receptor interactions. |
| Targets(IC50) | Neuropeptide FF Receptor   |

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