

Product Datasheet

Orphan GPCR SP9155 agonist P550 (mouse, rat) (orb1984451)

Catalog Number	orb1984451
Category	Proteins
Description	P550 (26RFa) is the endogenous agonist for the orphan receptor GPR103 (SP9155/AQ27), a member of the RFamide peptide family. This orexigenic neuropeptide is a key research tool for studying energy homeostasis and feeding behavior in rodent models, applicable in both in vitro receptor characterization and in vivo physiological studies.
MW	2820.168
CAS Number	600171-70-8
Formula	C ₁₂₆ H ₁₉₅ N ₃₇ O ₃₇
SMILES	<chem>CC(C)C[C@H](NC(=O)[C@@H]1CCCN1C(=O)CNC(=O)[C@H](CO)NC(=O)[C@H](C)N)C(=O)NCC(=O)N[C@@H]([C@@H](C)O)C(=O)N[C@@H](CC(C)C)C(=O)N[C@@H](C)C(=O)N[C@@H](CCC(O)=O)C(=O)N[C@@H](CCC(O)=O)C(=O)N[C@@H](CC(C)C)C(=O)N[C@@H](CO)C(=O)N[C@@H](CO)C(=O)N[C@@H](Cc1ccc(O)cc1)C(=O)N[C@@H](CO)C(=O)N[C@@H](CCCNC(N)=N)C(=O)N[C@@H](CCCNC(N)=N)C(=O)N[C@@H](CCCCN)C(=O)NCC(=O)NCC(=O)N[C@@H](Cc1ccccc1)C(=O)N[C@@H](CO)C(=O)N[C@@H](Cc1ccccc1)C(=O)N[C@@H](CCCNC(N)=N)C(=O)N[C@@H](Cc1ccccc1)C(N)=O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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