

Product Datasheet

Apelin-13 triTFA(217082-58-1(free base)) (orb1299451)

Catalog Number	orb1299451
Category	Proteins
Description	Apelin-13 triTFA is the endogenous peptide agonist for the APJ receptor, exhibiting potent activity with an EC50 of 0.37 nM. This product is a key tool for investigating cardiovascular function, metabolic regulation, and angiogenesis in both in vitro and in vivo research models.
Target	Others
Purity	98.00% (May vary between batches)
MW	1892.89
Target Areas	Others
Solubility (25°C)	DMSO:30 mg/mL (15.85 mM)
Formula	C ₇₅ H ₁₁₄ F ₉ N ₂₃ O ₂₂ S
SMILES	<chem>OC(=O)C(F)(F)F.OC(=O)C(F)(F)F.OC(=O)C(F)(F)F.CSCCCC(NC(=O)C1CCCN1C(=O)CNC(=O)C(CCCCN)NC(=O)C(CC1=CNC=N1)NC(=O)C(CO)NC(=O)C(CC(C)C)NC(=O)C(CCCN(C)N)NC(=O)C1CCCN1C(=O)C(CCCN(C)N)NC(=O)C(N)CCC(N)=O)C(=O)N1CCCC1C(=O)NC(CC1=CC=CC=C1)C(O)=O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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