

Product Datasheet

ELA-11 (human) acetate(1784687-32-6 free base) (orb1296435)

Catalog Number	orb1296435
Category	Tools
Description	ELA-11 (human) acetate is a bioactive apelin receptor fragment derived from ELA-32, acting as a high-affinity agonist (Ki = 14 nM). It demonstrates functional activity by inhibiting forskolin-stimulated cAMP production and promoting β-arrestin recruitment in vitro, making it a valuable tool for studying APJ receptor signaling in cardiovascular and metabolic research.
Target	Apelin receptor, Arrestin
Purity	99.53%
MW	1343.61
Target Areas	Arrestin Apelin receptor
Solubility (25°C)	DMSO:10 mM
Formula	C ₆₀ H ₉₄ N ₁₆ O ₁₅ S ₂
SMILES	<chem>O=C(N1[C@@H](CCC1)C(O)=O)[C@H](CC2=CC=CC=C2)NC([C@H]3N(CCC3)C([C@H](C(C)C)NC([C@H](CCCNC(N)=N)NC([C@H](CO)NC([C@@H](NC([C@H](CC(C)C)NC([C@H]4N(CCC4)C([C@H](CC5C)NC([C@@H](N)CS)=O)=O)=O)=O)CC5=CNC=N5)=O)=O)=O)=O.O.CC(O)=O</chem>
Storage	keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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