

Product Datasheet

Setmelanotide Acetate(920014-72-8 free base) (orb1708547)

Catalog Number	orb1708547
Category	Small Molecules
Description	Setmelanotide Acetate (RM-493 Acetate; 920014-72-8 free base) is a potent and selective MC4R agonist, demonstrating high activity in both human and rat receptors. It is a valuable research tool for studying energy homeostasis, obesity, and related metabolic disorders in preclinical in vitro and in vivo models.
Target	Melanocortin Receptor
Purity	>99% (May vary between batches)
MW	1177.35
Target Areas	Melanocortin Receptor
Solubility (25°C)	DMSO: 22.5 mg/mL (19.11 mM), sonication is recommended.
CAS Number	2759937-80-7
Formula	C ₅₁ H ₇₂ N ₁₈ O ₁₁ S ₂
SMILES	O=C([C@@H](NC([C@H](NC([C@@H](NC([C@H](NC([C@H](C(SSC[C@H](NC1=O)C(N)=O)NC([C@H](NC(C)=O)CCNC(N)=N)=O)=O)C)=O)CC2=CN=CN2)=O)CC3=CC=CC=C3)=O)CCNC(N)=N)N[C@H]1CC4=CNC5=CC=CC=C45.CC(O)=O
Storage	Keep away from moisture. Powder: -20°C for 3 years. In solvent: -80°C for 1 year.
Note	For research use only
Expiration Date	12 months from date of receipt.

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