

Product Datasheet

Ac-hMCH(6-16)-NH2 (orb1984895)

Catalog Number	orb1984895
Category	Proteins
Description	Ac-hMCH(6-16)-NH2 is a potent, non-selective agonist for human brain MCH receptors MCH-1R and MCH-2R, exhibiting high-affinity binding with IC ₅₀ values of 0.16 nM and 2.7 nM, respectively. This peptide is a valuable research tool for studying MCH receptor signaling, energy homeostasis, and sleep regulation in both cellular and animal models.
Target	Melanin-concentrating Hormone Receptor (MCHR), GPCR
MW	1394.74
CAS Number	1053601-50-5
Formula	C ₅₈ H ₉₉ N ₂₁ O ₁₃ S ₃
SMILES	<chem>CSCC[C@H](NC(=O)[C@H](CS)NC(=O)[C@H](CCCNC(N)=N)NC(C)=O)C(=O)N[C@@H](CC(C)C)C(=O)NCC(=O)N[C@@H](CCCNC(N)=N)C(=O)N[C@@H](C(C)C)C(=O)N[C@@H](Cc1ccc(O)cc1)C(=O)N[C@@H](CCCNC(N)=N)C(=O)N1CCC[C@H]1C(=O)N[C@@H](CS)C(N)=O @:53 </chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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