

Product Datasheet

Hemopressin (rat) acetate(568588-77-2 free base) (orb1296453)

Catalog Number	orb1296453
Category	Proteins
Description	Hemopressin (rat) acetate is an orally active, nonapeptide inverse agonist of the CB2 cannabinoid receptor, originally derived from hemoglobin. It demonstrates antinociceptive effects in models of inflammatory pain, making it a valuable research tool for studying cannabinoid receptor signaling in both in vitro and in vivo experiments.
Target	Cannabinoid Receptor
Purity	99.37% (May vary between batches)
MW	1148.31
Target Areas	Cannabinoid Receptor
Solubility (25°C)	DMSO:Insoluble;H2O:Insoluble
Formula	$C_5H_{81}N_{13}O_{14}$
SMILES	<chem>CC(C)C[C@@H](C(=O)N[C@@H](CO)C(=O)N[C@@H](CC1=CN=CN1)C(=O)O)NC(=O)[C@H](CC2=CC=CC=C2)NC(=O)[C@H](CCCCN)NC(=O)[C@H](CC3=CC=CC=C3)NC(=O)[C@H](CC(=O)N)NC(=O)[C@H](C(C)C)NC(=O)[C@@H]4CCCN4.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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