

Product Datasheet

Hemopressin(rat) (orb1679447)

Catalog Number	orb1679447
Category	Proteins
Description	This bioactive peptide acts as an endogenous substrate for endopeptidases 24.15 and 24.16, and ACE, with respective K_i values of 27.76, 3.43, and 1.87 μM . It functions as a selective CB1 receptor inverse agonist, demonstrating potent hypotensive, antinociceptive, and hypophagic effects in vivo, making it a valuable research tool for neuropharmacology and cardiovascular studies.
Target	Cannabinoid Receptor
MW	1088.27
CAS Number	568588-77-2
Formula	$\text{C}_{53}\text{H}_{77}\text{N}_{13}\text{O}_{12}$
SMILES	<chem>[C@H](CC1=CC=CC=C1)(C(N[C@H](C(N[C@H](C(N[C@@H](CC2=CN=CN2)C(O)=O)=O)CO)=O)CC(C)C)=O)NC([C@@H](NC([C@H](CC3=CC=CC=C3)NC([C@@H](NC([C@@H](NC(=O)[C@@H]4CCCN4)C(C)C)=O)CC(N)=O)=O)=O)CCCCN)=O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558