

Product Datasheet

Peptide E (orb1981003)

Catalog Number	orb1981003
Category	Small Molecules
Description	Peptide E, a potent kappa opiate receptor agonist, exhibits opiate receptor binding activity with an IC50 value of 0.39 μM, making it valuable for central nervous system research.
Target	Opioid Receptor
MW	3156.61
CAS Number	78355-50-7
Formula	C ₁₄₇ H ₂₀₇ N ₄₁ O ₃₄ S ₂
SMILES	<chem>CSCC[C@H](NC(=O)[C@H](Cc1ccccc1)NC(=O)CNC(=O)CNC(=O)[C@@H](N)Cc1ccc(O)cc1)C(=O)N[C@@H](CCCN(C)N)C(=O)N[C@@H](CCCN(C)N)C(=O)N[C@@H](C(C)C)C(=O)NCC(=O)N[C@@H](CCCN(C)N)C(=O)N1CCCC[C@H]1C(=O)N[C@@H](CCC(O)=O)C(=O)N[C@@H](Cc1c[nH]c2ccccc12)C(=O)N[C@@H](Cc1c[nH]c2ccccc12)C(=O)N[C@@H](CCSC)C(=O)N[C@@H](CC(O)=O)C(=O)N[C@@H](Cc1ccc(O)cc1)C(=O)N[C@@H](CCC(N)=O)C(=O)N[C@@H](CCCCN)C(=O)N[C@@H](CCCN(C)N)C(=O)N[C@@H](Cc1ccc(O)cc1)C(=O)NCC(=O)NCC(=O)N[C@@H](Cc1ccccc1)C(=O)N[C@@H](CC(C)C)C(=O)O</chem>
Storage	-20°C
Note	For research use only

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
United States

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