

Product Datasheet

Xenopus orexin A (orb2563700)

Catalog Number	orb2563700
Description	Xenopus orexin A, a neuropeptide identified as an endogenous ligand for an orphan G-protein-coupled receptor, serves as a potent agonist of OX1R [1].
Storage	-20°C
Note	For research use only
Formula	C ₁₃₉ H ₂₃₀ N ₄₆ O ₄₂ S ₄
Purity	98.00%
MW	3345.86
CAS Number	254757-77-2
SMILES	<chem>C(N[C@@H](C(N[C@@H]1C(=O)N[C@@]2(C(=O)N[C@@H](CCCNC(=N)N)C(=O)N[C@@H](CCC(N)=O)C(=O)N[C@@H](CCCCN)C(=O)N[C@@]([C@@H](C)O)(C(=O)N[C@@](CSSC1)(C(=O)N[C@@H](CO)C(=O)N[C@H](C(N[C@H](C(N[C@H](C(N[C@@H](CC3=CC=C(O)C=C3)C(N[C@H](C(N[C@H](C(N[C@H](C(NCC(N[C@H](C(NCC(N[C@H](C(N[C@@H](CC4=CN=CN4)C(N[C@H](C(N[C@H](C(NCC(N[C@H](C(N[C@H](C(N[C@H](C(N[C@@H](CC(C)C)C(N)=O)=O)[C@@H](C)O)=O)C(C)C)=O)[C@H](CC)C)=O)=O)C)=O)C)=O)CC(N)=O)=O)=O)[C@@H](C)O)=O)=O)CCCNC(=N)N)=O)CC(C)C)=O)[C@H](CC)C)=O)CC(O)=O)=O)[C@H](CC)C)=O)CCCNC(=N)N)=O)CSSC2)[H]][H]][H])=O)CC(O)=O)(=O)[C@H]5N(C([C@H](C)N)=O)CCC5</chem>
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)