## Typical Product Specifications & Properties

# Oxtocin

CAS Number: : 50-56-6

| Specifications | Limits |
|---|---|
| Molecular weight | 1,007.20 |
| SMILES | CC[C@H](C)[C@H]1C(=O)N[C@H](C(=O)N[C@H](C(=O)N[C@(CSSC[C@@H](C(=O)N[C@H](C(=O)N1)Cc2ccc(cc2)O)N)C(=O)N3CCC[C@H]3C(=O)N[C@(CC(C)C)C(=O)NCC(=O)N)CC(=O)N)CCC(=O)N |
| InChI | XNOPRXBHLZRZKH-DSZYJQQASA-N |
| InChIKey | 1S/C43H66N12O12S2/c1-5-22(4)35-42(66)49-26(12-13-32(45)57)38(62)51-29(17-33(46)58)39(63)53-30(20-69-68-19-25(44)36(60)50-28(40(64)54-35)16-23-8-10-24(56)11-9-23)43(67)14-6-7-31(55)41(65)52-27(15-21(2)3)37(61)48-18-34(47)59/h8-11,21-22,25-31,35,56H, |
| log P (octanol-water) | -6.270 |
| Atmospheric OH Rate Constant | 5.33E-10 cm3/molecule-sec |



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