

## Product Datasheet

### Peptide Standard 1 (orb321684)

|                        |                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>     | Peptide Standard 1                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage</b>         | Storage Temp: -20°C                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Note</b>            | For research use only                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Formula</b>         | C <sub>98</sub> H <sub>144</sub> N <sub>25</sub> O <sub>26</sub> S <sub>2</sub>                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>          | ≥95%                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW</b>              | 2153.52                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>SMILES</b>          | [H]N[C@@H](CS)C(=O)N1CCC[C@H]1C(=O)N[C@@H](CC(O)=O)C(=O)N[C@@H](CC1=CC=CC=C1)C(=O)NCC(=O)N[C@@H](CC1=CNC=N1)C(=O)N[C@@H]([C@@H](C)CC)C(=O)N[C@@H](C)C(=O)N[C@@H](CCSC)C(=O)N[C@@H](CCC(O)=O)C(=O)N[C@@H](CC(C)C)C(=O)N[C@@H](CO)C(=O)N[C@@H](C(C)C)C(=O)N[C@@H](CCCNC(N)=N)C(=O)N[C@@H]([C@@H](C)O)C(=O)N[C@@H](CC1=CNC2=C1C=CC=C2)C(=O)N[C@@H](CCCCN)C(=O)N[C@@H](CC1=CC=C(O)C=C1)C(O)=O |
| <b>Expiration Date</b> | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                           |