

## Product Datasheet

### B-type Natriuretic Peptide (1-32), rat (orb321445)

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | B-type Natriuretic Peptide (1-32), rat                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>            | Storage Temp: -20°C                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Note</b>               | For research use only                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Application notes</b>  | White to off white powder                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Formula</b>            | C <sub>146</sub> H <sub>239</sub> N <sub>47</sub> O <sub>44</sub> S <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>             | ≥95%                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>MW</b>                 | 3453.01                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>CAS Number</b>         | 133448-20-1                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>SMILES</b>             | <chem>CCC(C)C1C(=O)NCC(=O)NC(C(=O)NC(C(=O)NC(C(=O)NC(C(=O)NC(C(=O)NCC(=O)NC(CSSCC(C(=O)NC(C(=O)NCC(=O)NC(C(=O)NC(C(=O)NC(C(=O)NC(C(=O)N1)CCCNC(=N)N)CC(=O)O)C(C)CC)CCCCN)CCC(=O)N)CC2=CC=CC=C2)NC(=O)C(CO)NC(=O)C(CO)NC(=O)C(CO)NC(=O)C(CC3=CNC=N3)NC(=O)C(C)NC(=O)C(CCSC)NC(=O)C(CCCCN)NC(=O)C(CO)NC(=O)C(CC(=O)N)N)C(=O)NC(CC(=O)O)C(=O)NCC(=O)NC(CC(C)C)C(=O)NC(CCCNC(=N)N)C(=O)NC(CC(C)C)C(=O)NC(CC4=CC=CC=C4)C(=O)O)CC(C)C)CCCNC(=N)N)CO)C(C)C)C</chem> |
| <b>Solubility (25°C)</b>  | Soluble in water, acid.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Hazard Information</b> | UN Number: Not dangerous goods                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Expiration Date</b>    | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                                                                              |