

## Product Datasheet

### Melanin Concentrating Hormone, human/mouse/rat (orb321109)

|                           |                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Melanin Concentrating Hormone, human/mouse/rat                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>            | Storage Temp: -20°C                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Note</b>               | For research use only                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Formula</b>            | C <sub>105</sub> H <sub>160</sub> N <sub>30</sub> O <sub>26</sub> S <sub>4</sub>                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>             | ≥98%                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>MW</b>                 | 2386.8                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>CAS Number</b>         | 128315-56-0                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>SMILES</b>             | <chem>CC(C)C[C@H]1C(=O)NCC(=O)N[C@H](C(=O)N[C@H](C(=O)N[C@H](C(=O)N[C@H](C(=O)N2CCC[C@H]2C(=O)N[C@@H](CSSC[C@@H](C(=O)N[C@H](C(=O)N1)CCSC)NC(=O)[C@H](CCCNC(=N)N)NC(=O)[C@H](CC(C)C)NC(=O)[C@H](CCSC)NC(=O)[C@H](CC(=O)O)NC(=O)[C@H](Cc3ccccc3)NC(=O)[C@H](CC(=O)O)N)C(=O)N[C@@H](Cc4c[nH]c5c4ccccc5)C(=O)N[C@@H](CCC(=O)N)C(=O)N[C@@H](C(C)C)C(=O)O)CCCNC(=N)N)C6ccc(cc6)O)C(C)C)CCCNC(=N)N</chem> |
| <b>Solubility (25°C)</b>  | Soluble in water (1 mg/mL).                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Hazard Information</b> | UN Number: Not dangerous goods                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Expiration Date</b>    | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                     |