

## Product Datasheet

### [Lys3]-Bombesin (orb2693761)

|                         |                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | [Lys3]-Bombesin is a biological active peptide. (PET (Positron Emission Tomography) imaging of [Lys3]-bombesin is able to detect gastrin-releasing peptide receptor (GRPR) positive prostate cancer. An immunoconjugate of [Lys3]-bombesin and corresponding monoclonal antibody can specifically induce (CD64)-dependent monocyte and neutrophil-mediated lysis of small cell carcinoma.) |
| <b>Target</b>           | others                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Note</b>             | For research use only                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Sequence</b> | {Pyr}-QKLGNQWAVGHLM-NH2                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Formula</b>          | $C_{71}H_{110}N_{22}O_{18}S$                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>           | ≥95%                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MW</b>               | 1591.88                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>CAS Number</b>       | 66839-66-5                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Expiration Date</b>  | 6 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                             |

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