

## Product Datasheet

### Bradykinin peptide (orb216505)

|                          |                                                                                                                                                                                                                                                                                                                            |
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| <b>Description</b>       | Bradykinin peptide                                                                                                                                                                                                                                                                                                         |
| <b>Form/Appearance</b>   | Lyophilized powder                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>           | Shipped at 4°C. Store at -20°C for one year.                                                                                                                                                                                                                                                                               |
| <b>Note</b>              | For research use only                                                                                                                                                                                                                                                                                                      |
| <b>Application notes</b> | The pharmacological properties of bradykinin include smooth muscle contraction, vasodilation and hypotension. Bradykinin increases capillary permeability together with edema formation and induction of pain. Bradykinin induces bronchoconstriction in asthmatic subjects and symptoms of rhinitis in nasal provocation. |
| <b>Protein Sequence</b>  | Arg-Pro-Pro-Gly-Phe-Ser-Pro-Phe-Arg                                                                                                                                                                                                                                                                                        |
| <b>Formula</b>           | $C_{50}H_{73}N_{15}O_{11}$                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>            | > 95%                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>            | Synthetic                                                                                                                                                                                                                                                                                                                  |
| <b>MW</b>                | 1060.22                                                                                                                                                                                                                                                                                                                    |
| <b>CAS Number</b>        | 58-82-2                                                                                                                                                                                                                                                                                                                    |
| <b>Expiration Date</b>   | 12 months from date of receipt.                                                                                                                                                                                                                                                                                            |

