

## [Val4] Angiotensin III

|                      |   |
|----------------------|---|
| Cat. No.:            | HY-P3910  |
| CAS No.:             | 100900-28-5   |
| Molecular Formula:   | C <sub>47</sub> H <sub>68</sub> N <sub>12</sub> O <sub>11</sub>                           |
| Molecular Weight:    | 977.12  |
| Sequence Shortening: | RVVHPF (Acetate)  |
| Target:              | Others  |
| Pathway:             | Others  |
| Storage:             | Please store the product under the recommended conditions in the Certificate of Analysis. |

### BIOLOGICAL ACTIVITY

|                           |  |
|---------------------------|--|
| Description               | [Val4] Angiotensin III is an angiotensin III peptide. [Val4] Angiotensin III is a potent full agonist of Gα <sub>q</sub> and βarr2 response, with pEC <sub>50</sub> values of 8.31 and 8.44, respectively <sup>[1]</sup> . |
| IC <sub>50</sub> & Target | Gα <sub>q</sub> (G protein), βarr2 (β-arrestin) <sup>[1]</sup>   |

### REFERENCES

[1]. Namkung Y, et al. Functional selectivity profiling of the angiotensin II type 1 receptor using pathway-wide BRET signaling sensors. Sci Signal. 2018 Dec 4;11(559):eaat1631.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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