

## a-Bag Cell Peptide (1-7)

|                      |   |
|----------------------|---|
| Cat. No.:            | HY-P3775  |
| CAS No.:             | 87549-54-0  |
| Molecular Formula:   | $C_{44}H_{67}N_{13}O_9$   |
| Molecular Weight:    | 922.08  |
| Sequence Shortening: | APRLRFY   |
| Target:              | Others  |
| Pathway:             | Others  |
| Storage:             | Please store the product under the recommended conditions in the Certificate of Analysis. |

### BIOLOGICAL ACTIVITY

|             |   |
|-------------|---|
| Description | a-Bag Cell Peptide (1-7) is a NH <sub>2</sub> -terminal fragment α-bag cell peptide. α-bag cell peptide can inhibit the left upper quadrant (LUQ) neurons and the depolarization of the bag cells <sup>[1]</sup> .α-Bag Cell Peptide Fragment   |
| In Vitro    | α-bag cell peptide can mimic bag cell-induced inhibition of the left upper quadrant (LUQ) neurons and the depolarization of the bag cells that occurs during the bag cell burst discharge <sup>[1]</sup> .<br>MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

### REFERENCES

[1]. Sigvardt KA, et, al. The bag cells of Aplysia as a multitransmitter system: identification of alpha bag cell peptide as a second neurotransmitter. J Neurosci. 1986 Mar;6(3):803-13.

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

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