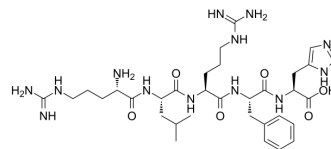


## β-Bag cell peptide

Cat. No.:	HY-P3777
CAS No.:	109024-47-7
Molecular Formula:	C <sub>33</sub> H <sub>53</sub> N <sub>13</sub> O <sub>6</sub>
Molecular Weight:	727.86
Sequence Shortening:	RLRFH
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	β-Bag cell peptide is a neuroactive peptide. β-Bag cell peptide elevates cyclic AMP levels in the bag cell neurons. β-Bag cell peptide decreases the amplitudes of the voltage-dependent potassium currents <sup>[1]</sup> .
In Vitro	β-Bag cell peptide (100 μM) produces a depolarization of isolated bag cell neurons <sup>[1]</sup> . β-Bag cell peptide activates a nonselective cation current mediated by sodium ions <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Loechner KJ, et al. Autoactive peptides act at three distinct receptors to depolarize the bag cell neurons of Aplysia. J Neurophysiol. 1994 Jan;71(1):195-203.

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

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