
Cat# SP-88222-5

Description: α - Bag Cell Peptide (1 - 8) [Ala-Pro-Arg-Leu-Arg-Phe-Tyr-Ser (MW: 1009.19)]

Size: 5 mg

Purity: >95%

Store: Desiccated at -20oC.

α -bag cell peptide (α -BCP) is a putative neurotransmitter released from bag cell neurons of the marine mollusc Aplysia. α BCP is present in bag cell extracts and released from bag cells in two neuroactive forms: α BCP and α BCP. α BCP is 30 times as potent as in inhibiting target neurons, suggesting that both forms of the peptide serve as neurotransmitters.

References: Rothman BS (1992) JBC 267, 25135-25340; Squire CR (1991) JBC266, 22355-22363; Kauer JA (1987) J. Neurosci. 7, 3623-3632; Sigvardt KA (J. Neurosci. 6, 803-813; Rothman BS (1983) PNAS 80, 5753-5757

For in vitro research use only.

Related Items

Catalog#	ProdDescription
SP-88221-5	α -Bag Cell Peptide (1 - 7) [Ala-Pro-Arg-Leu-Arg-Phe-Tyr (MW: 922.11)]
SP-88222-5	α - Bag Cell Peptide (1 - 8) [Ala-Pro-Arg-Leu-Arg-Phe-Tyr-Ser (MW: 1009.19)]
SP-88223-5	α -Bag Cell Peptide (1 - 9) [Ala-Pro-Arg-Leu-Arg-Phe-Tyr-Ser-Leu (MW: 1122.35)]
SP-88224-5	γ - Bag Cell Peptide [Arg-Leu-Arg-Phe-Asp (MW: 705.82)]
SP-88225-5	β -Bag Cell Peptide [Arg-Leu-Arg-Phe-His (MW: 727.87)]
SP-88222-5	140331A