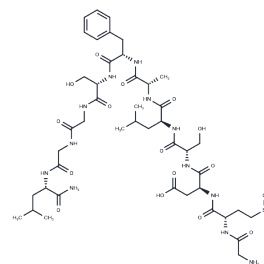


Buccalin

Chemical Properties

CAS No. :	116786-35-7
Formula:	C45H72N12O15S
Molecular Weight:	1053.19
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Buccalin is a neuropeptide that is colocalized with small cardioactive peptides in neuron B15. When applied exogenously at the ARC neuromuscular junction, Buccalin reduces the amplitude of muscle contractions triggered by motor neuron discharges, acting only presynaptically. It does not affect muscle relaxation rates and decreases excitatory junction potentials induced by motor neurons, without impacting contraction produced by acetylcholine acting directly on the muscle.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9495 mL	4.7475 mL	9.495 mL
5 mM	0.1899 mL	0.9495 mL	1.899 mL
10 mM	0.0949 mL	0.4747 mL	0.9495 mL
50 mM	0.019 mL	0.0949 mL	0.1899 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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