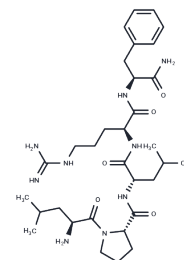


LPLRF-NH2

Chemical Properties

CAS No. :	88280-21-1
Formula:	C32H53N9O5
Molecular Weight:	643.82
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	LPLRF-NH2, an RFamide peptide, exhibits an anorexigenic effect, elevates arterial blood pressure, and alters brainstem neuronal electrical activity [1] [2] [3].
Targets(IC50)	Calcium Channel
In vivo	LPLRF-NH2 administrated intracerebroventricularly (ICV) at doses of 3-15 nmol exhibits an anorexigenic effect in chicks [1], while intravenous (i.v.) injection of 25-50 nM/kg in a volume of 150 µL induces an increase in arterial blood pressure in rats [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5532 mL	7.7661 mL	15.5323 mL
5 mM	0.3106 mL	1.5532 mL	3.1065 mL
10 mM	0.1553 mL	0.7766 mL	1.5532 mL
50 mM	0.0311 mL	0.1553 mL	0.3106 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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