

RFRP-3 (rat) acetate

Chemical Properties

CAS No. :

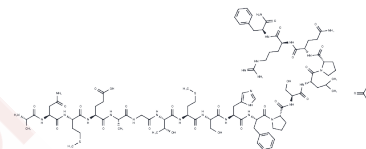
Formula: C90H138N26O27S2

Molecular Weight: 2080.37

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	RFRP-3 (rat) acetate is an RFamide-family neuropeptide characterized by a C-terminal Arg-Phe-NH ₂ motif, consisting in rats of the 12-residue sequence VPNLQRF-NH ₂ ; RFRP-3 (rat) acetate(420088-80-8 Free base) exhibits functional specialization compared with related peptides such as NPFF and PrRP, acting primarily as an inhibitor of reproductive signaling; its neurons are localized to the dorsomedial hypothalamus and project to GnRH neurons and the median eminence, making RFRP-3 a critical tool for studying hypothalamic regulation of fertility, neuroendocrine signaling, and peptide evolution within the RFamide family.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4807 mL	2.4034 mL	4.8068 mL
5 mM	0.0961 mL	0.4807 mL	0.9614 mL
10 mM	0.0481 mL	0.2403 mL	0.4807 mL
50 mM	0.0096 mL	0.0481 mL	0.0961 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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