

CRF (6-33) acetate(120066-38-8 free base)

Chemical Properties

CAS No. :

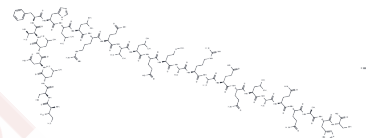
Formula: C143H235N41O45S

Molecular Weight: 3280.76

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	CRF (6-33) acetate is a corticotropin-releasing factor binding protein (CRFBP) inhibitor peptide; displaces CRF from CRFBP. Suppresses body weight gain and increases motor activity in obese rats in vivo.
Targets(IC50)	CRFR

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3048 mL	1.524 mL	3.0481 mL
5 mM	0.061 mL	0.3048 mL	0.6096 mL
10 mM	0.0305 mL	0.1524 mL	0.3048 mL
50 mM	0.0061 mL	0.0305 mL	0.061 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.

Reference

Heinrichs et al (2001) Dissociation of arousal-like from anxiogenic-like actions of brain corticotropin-releasing factor receptor ligands in rats. Behav.Brain Res. 122 43 PMID:

Heinrichs et al (2001) Selective stimulatory actions of corticotropin-releasing factor ligands on correlates of energy balance. Physiol.Behav. 74 5 PMID:

Jahn et al (2002) The binding protein of corticotropin-releasing factor: ligand-binding site and subunit structure. Proc.Natl.Acad.Sci.U.S.A. 99 12055 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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