

CRF, bovine

Chemical Properties

CAS No. : 92307-52-3

Formula: C206H340N60O63S

Molecular Weight: 4697.34

SQEPPISLDLTFHLLREVLEMTKADQLAQOAHNNRKLDDIA-NH₂

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, bovine, is a potent agonist of the CRF receptor and displaces [125I-Tyr]ovine CRF with a K_i of 3.52 nM.
Targets(IC50)	CRFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2129 mL	1.0644 mL	2.1289 mL
5 mM	0.0426 mL	0.2129 mL	0.4258 mL
10 mM	0.0213 mL	0.1064 mL	0.2129 mL
50 mM	0.0043 mL	0.0213 mL	0.0426 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

Hogg JE, et al. The human neuroblastoma cell line, IMR-32, expresses functional corticotropin-releasing factor receptors. Eur J Pharmacol. 1996 Sep 26;312(2):257-61.

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