

[DPro5] Corticotropin Releasing Factor, human, rat

Chemical Properties

CAS No. :	195628-97-8
Formula:	C208H344N60O63S2
Molecular Weight:	4757.45
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	[DPro5] Corticotropin Releasing Factor, human, rat, a selective R2 agonist of corticotropin-releasing factor/hormone (CRF), is a hypothalamic hormone that prompts the release of adrenocorticotrophic hormone (ACTH) and β -endorphin. Unlike typical agents, it does not induce angiogenic effects but instead influences learning and memory processes in rats [1].
Targets(IC50)	CRFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2102 mL	1.051 mL	2.102 mL
5 mM	0.042 mL	0.2102 mL	0.4204 mL
10 mM	0.021 mL	0.1051 mL	0.2102 mL
50 mM	0.0042 mL	0.021 mL	0.042 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481