

(D-Phe¹²,Nle^{21,38}, α -Me-Leu³⁷)-CRF (12-41) (human, rat)

Chemical Properties

CAS No. : 150646-45-0

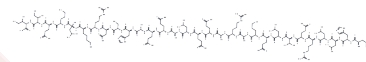
Formula: C₁₅₉H₂₆₇N₄₉O₄₃

Molecular Weight: 3553.12

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	(D-Phe ¹² ,Nle ^{21,38} , α -Me-Leu ³⁷)-CRF (12-41) (human, rat) is a corticotropin-releasing factor (CRF) antagonist that counteracts the inhibitory effects of IL-1 α on luteinizing hormone (LH) production [1].
Targets(IC50)	CRFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2814 mL	1.4072 mL	2.8144 mL
5 mM	0.0563 mL	0.2814 mL	0.5629 mL
10 mM	0.0281 mL	0.1407 mL	0.2814 mL
50 mM	0.0056 mL	0.0281 mL	0.0563 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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