

Lys- γ 3-MSH(human) TFA

Chemical Properties

CAS No. :

Formula: C130H194F3N45O41S

Molecular Weight: 3132.27

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	Lys- γ 3-MSH(human) TFA, a melanocortin peptide originating from the C-terminal fragment of pro-opiomelanocortin (POMC), enhances the steroidogenic response of rat adrenal glands to adrenocorticotrophin (ACTH). It is a potent stimulator of lipolysis, demonstrating an apparent EC50 of 3.56 nM, by activating hormone-sensitive lipase (HSL) and Perilipin A, leading to lipolysis [1] [2].
Targets(IC50)	Melanocortin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3193 mL	1.5963 mL	3.1926 mL
5 mM	0.0639 mL	0.3193 mL	0.6385 mL
10 mM	0.0319 mL	0.1596 mL	0.3193 mL
50 mM	0.0064 mL	0.0319 mL	0.0639 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481