

Beta-MSH (1-22) human TFA (17908-57-5 free base)

Chemical Properties

CAS No. :

Formula: C120H175F3N34O37S

Molecular Weight: 2774.94

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	β -Melanocyte Stimulating Hormone (MSH), human (Synonyms: Beta-MSH (1-22) (human)) β -Melanocyte Stimulating Hormone (MSH), human, a 22-residue peptide, acts as an endogenous melanocortin-4 receptor (MC4-R) agonist.
-------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3604 mL	1.8018 mL	3.6037 mL
5 mM	0.0721 mL	0.3604 mL	0.7207 mL
10 mM	0.036 mL	0.1802 mL	0.3604 mL
50 mM	0.0072 mL	0.036 mL	0.0721 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

Harrold JA, et al. beta-MSH: a functional ligand that regulated energy homeostasis via hypothalamic MC4-R? Peptides. 2003 Mar;24(3):397-405.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481