

[Ala17]-MCH

Chemical Properties

CAS No. : 359784-84-2

Formula: C97H155N29O26S4

Molecular Weight: 2271.71

DFDMLRCMLGRVYRCAQV (Disulfide bridge:Cys₇-Cys₁₆)

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Potent melanin-concentrating hormone (MCH) receptor agonist (EC50 values are 17 and 54 nM at MCH1 and MCH2 receptors respectively). Displays some selectivity towards MCH1 over MCH2 (Ki values are 0.16 and 34 nM respectively).
-------------	---

Solubility Information

Solubility	H2O: 2 mg/mL, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4402 mL	2.201 mL	4.402 mL
5 mM	0.088 mL	0.4402 mL	0.8804 mL
10 mM	0.044 mL	0.2201 mL	0.4402 mL
50 mM	0.0088 mL	0.044 mL	0.088 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.

Reference

Bednarek et al (2001) Short segment of human melanin-concentrating hormone that is sufficient for full activation of human melanin-concentrating hormone receptors 1 and 2. Biochemistry 40 9379 PMID:

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:36 Washington Street,Wellesley Hills,MA 02481