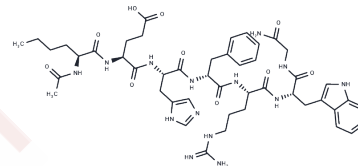


Ac-[Nle4,D-Phe7]- $\alpha$ -MSH (4-10)-NH<sub>2</sub>

## Chemical Properties

CAS No. :	82188-67-8
Formula:	C47H64N14O10
Molecular Weight:	985.1
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	Ac-[Nle4,D-Phe7]- $\alpha$ -MSH (4-10)-NH <sub>2</sub> , a melanotropin derivative and melanocyte-stimulating hormone, activates tyrosinase and demonstrates a thermoregulatory effect in rat models [1][2].
Targets(IC50)	Tyrosinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0151 mL	5.0756 mL	10.1513 mL
5 mM	0.203 mL	1.0151 mL	2.0303 mL
10 mM	0.1015 mL	0.5076 mL	1.0151 mL
50 mM	0.0203 mL	0.1015 mL	0.203 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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