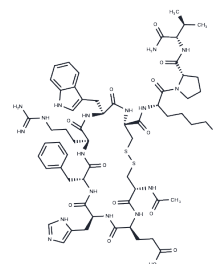


## Acetyl-(Cys4,D-Phe7,Cys10)-a-MSH (4-13)

## Chemical Properties

CAS No. :	91050-39-4
Formula:	C <sub>61</sub> H <sub>86</sub> N <sub>18</sub> O <sub>13</sub> S <sub>2</sub>
Molecular Weight:	1343.58
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	Acetyl-(Cys4,D-Phe7,Cys10)-a-MSH (4-13) is a cyclic peptide that functions as a melanocyte-stimulating hormone. It significantly prolongs melanocyte activity in the skin of frogs and lizards and acts as a potent agonist. Additionally, Acetyl-(Cys4,D-Phe7,Cys10)-a-MSH (4-13) demonstrates complete resistance to trypsin degradation.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7443 mL	3.7214 mL	7.4428 mL
5 mM	0.1489 mL	0.7443 mL	1.4886 mL
10 mM	0.0744 mL	0.3721 mL	0.7443 mL
50 mM	0.0149 mL	0.0744 mL	0.1489 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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