# Data Sheet (Cat.No.T21743L)

TargetMol

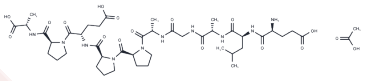
## Beta-Lipotropin (1-10), porcine Acetate

### Chemical Properties

CAS No. :

Formula: C44H70N10O17

Molecular Weight: 1011.08



Storage: Keep away from moisture
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 | Beta-Lipotropin (1-10), porcine Acetate (Beta-Lipotropin ) (beta-LPH) was found to contain within its C-terminal sequence the primary structure of these peptides. |
| Targets(IC50) | Others |
| In vivo | Identity between the sequence of isolated fragments and thecarboxy terminal portion of the corresponding beta-lipotropins hasalso been observed in human and in porcine pituitary and hypothalamic-neurohypophysis extracts.? |

### Solubility Information

| | |
|---|---|
| Solubility | DMSO: 90 mg/mL (89.01 mM),Sonication is recommended.<br>H2O: 40 mg/mL (39.56 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 0.989 mL | 4.9452 mL | 9.8904 mL |
| 5 mM | 0.1978 mL | 0.989 mL | 1.9781 mL |
| 10 mM | 0.0989 mL | 0.4945 mL | 0.989 mL |
| 50 mM | 0.0198 mL | 0.0989 mL | 0.1978 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

Bradbury, A.F., Smyth, D.G. and Snell, C.R. (1976), Biochem. Biophys. Res. Commun. 6!J, 950-956.



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