

## Kisspeptin-10, rat acetate(478507-53-8 free base)

## Chemical Properties

CAS No. :

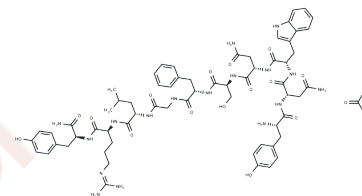
Formula: C65H87N17O17

Molecular Weight: 1378.45

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   | Kisspeptin-10, rat acetate is an endogenous ligand for the rodent kisspeptin receptor (KISS1, GPR54). |
| Targets(IC50) | GPCR,Kisspeptin   |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: 5 mM,Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.7255 mL | 3.6273 mL | 7.2545 mL |
| 5 mM  | 0.1451 mL | 0.7255 mL | 1.4509 mL |
| 10 mM | 0.0725 mL | 0.3627 mL | 0.7255 mL |
| 50 mM | 0.0145 mL | 0.0725 mL | 0.1451 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

Güvenç M, et al. Ameliorating effect of kisspeptin-10 on methotrexate-induced sperm damages and testicular oxidative stress in rats. *Andrologia*. 2018 Oct;50(8):e13057.

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