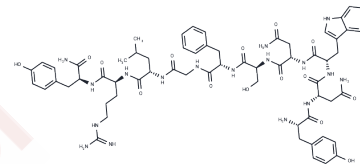


## Kisspeptin-10, rat

## Chemical Properties

CAS No. :	478507-53-8
Formula:	C63H83N17O15
Molecular Weight:	1318.44
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	Kisspeptin-10, rat is an Endogenous ligand for the rodent kisspeptin receptor (KISS1, GPR54).
Targets(IC50)	Kisspeptin

## Solubility Information

Solubility	H2O: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7585 mL	3.7924 mL	7.5847 mL
5 mM	0.1517 mL	0.7585 mL	1.5169 mL
10 mM	0.0758 mL	0.3792 mL	0.7585 mL
50 mM	0.0152 mL	0.0758 mL	0.1517 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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