

[Gln8]-C517 (LH-RH), chicken

## Chemical Properties

CAS No. : 47922-48-5

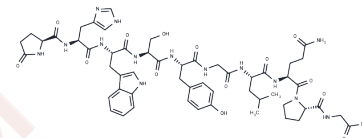
Formula: C54H71N15O14

Molecular Weight: 1154.23

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   | [Gln8] Luteinizing hormone releasing hormone ([Gln8] LH-RH), Avian hypothalamic peptide that stimulates release of gonadotropins from anterior pituitary, thus regulating reproductive functions. |
| Targets(IC50) | GNRH Receptor   |

## Solubility Information

|            |  |
|------------|--|
| Solubility | H2O: Soluble,<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.8664 mL | 4.3319 mL | 8.6638 mL |
| 5 mM  | 0.1733 mL | 0.8664 mL | 1.7328 mL |
| 10 mM | 0.0866 mL | 0.4332 mL | 0.8664 mL |
| 50 mM | 0.0173 mL | 0.0866 mL | 0.1733 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

Maurer JA, et al. Luteinizing hormone-releasing hormone (LHRH) neurons maintained in hypothalamic slice explant cultures exhibit a rapid LHRH mRNA turnover rate. J Neurosci. 1997 Dec 15;17(24):9481-91.

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