

## Human PTH-(1-31) amide

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 173833-08-4   |
| Formula:          | C162H270N50O46S2  |
| Molecular Weight: | 3718.31   |
| Storage:          | Keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |

## Biological Description

|               |   |
|---------------|---|
| Description   | Human PTH-(1-31) amide, an analog of PTH, effectively stimulates phosphatidylcholine hydrolysis and promotes the release of adenylyl cyclase [1]. |
| Targets(IC50) | Thyroid hormone receptor(THR)   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.2689 mL | 1.3447 mL | 2.6894 mL |
| 5 mM  | 0.0538 mL | 0.2689 mL | 0.5379 mL |
| 10 mM | 0.0269 mL | 0.1345 mL | 0.2689 mL |
| 50 mM | 0.0054 mL | 0.0269 mL | 0.0538 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.

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