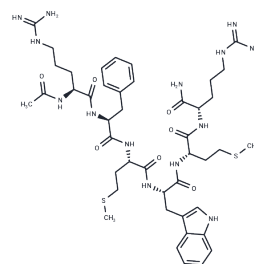


## Acetalin-2

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 152274-66-3   |
| Formula:          | C44H66N14O7S2   |
| Molecular Weight: | 967.21  |
| 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                | Acetalin-2, an opioid peptide with the sequence Ac-Arg-Phe-Met-Trp-Met-Arg-NH <sub>2</sub> , selectively binds to [ <sup>3</sup> H]DAMGO with a K <sub>i</sub> value of 93.3 nM [1]. |
| Targets(IC <sub>50</sub> ) | Opioid Receptor  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 1.0339 mL | 5.1695 mL | 10.339 mL |
| 5 mM  | 0.2068 mL | 1.0339 mL | 2.0678 mL |
| 10 mM | 0.1034 mL | 0.517 mL  | 1.0339 mL |
| 50 mM | 0.0207 mL | 0.1034 mL | 0.2068 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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