



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Neuromedin U (rat) acetate

## Chemical Properties

CAS No. :

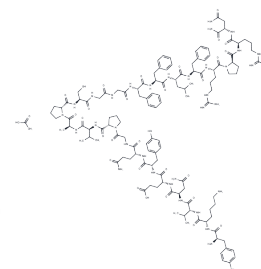
Formula: C<sub>126</sub>H<sub>184</sub>N<sub>34</sub>O<sub>33</sub>

Molecular Weight: 2703.02

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |                                                                                                                                                                                                                                                                        |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | Neuromedin U, rat acetate is a 23-amino acid brain-gut peptide. Neuromedin U (NMU), through its cognate receptor NMUR2 in the central nervous system, regulates several important physiological functions, including energy balance, stress response, and nociception. |
| Targets(IC50) | Others                                                                                                                                                                                                                                                                 |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.370 mL  | 1.8498 mL | 3.6996 mL |
| 5 mM  | 0.074 mL  | 0.370 mL  | 0.7399 mL |
| 10 mM | 0.037 mL  | 0.185 mL  | 0.370 mL  |
| 50 mM | 0.0074 mL | 0.037 mL  | 0.074 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.

## Reference

Liu JJ, et al. Discovery and pharmacological characterization of a small-molecule antagonist at neuromedin U receptor NMUR2. J Pharmacol Exp Ther. 2009 Jul;330(1):268-75.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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