



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



Neuromedin N acetate(92169-45-4 free base)

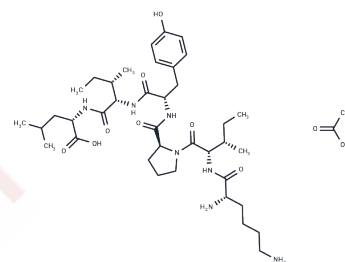
Chemical Properties

CAS No. :

Formula: C₄₀H₆₇N₇O₁₀

Molecular Weight: 805.9

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 N acetate(92169-45-4 free base) is a neuropeptide derived from the same precursor polypeptide as neurotensin, and with similar but subtly distinct expression and effects. Neuromedin N is a potent modulator of dopamine D2 receptor agonist binding in rat neostriatal membranes.
Targets(IC ₅₀)	Dopamine Receptor
In vitro	Neuromedin N competitively inhibits the binding of neurotensin to rat brain synaptic membranes with a 19-fold lower potency than neurotensin and is rapidly inactivated by brain synaptic peptidases[1]. It competitively inhibits neurotensin binding to rat brain synaptic membranes and has increased potency in the presence of the peptidase inhibitor bestatin[2].

Solubility Information

Solubility	DMSO: 10 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2408 mL	6.2042 mL	12.4085 mL
5 mM	0.2482 mL	1.2408 mL	2.4817 mL
10 mM	0.1241 mL	0.6204 mL	1.2408 mL
50 mM	0.0248 mL	0.1241 mL	0.2482 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

Li XM, et al. Neuromedin N is a potent modulator of dopamine D2 receptor agonist binding in rat neostriatal membranes. Neurosci Lett. 1993 Jun 11;155(2):121-4.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481