

Neuromedin U-23 (rat)(trifluoroacetate salt) Biochemical

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CATALOG #
AAA227048

PRODUCT SYNONYMS

Neuromedin U-23 (rat)(trifluoroacetate salt); Neuromedin U-23 (rat)(trifluoroacetate salt) biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	Ethanol: 1 mg/mL
	DMSO: 1 mg/mL
	PBS (pH 7.2): 1 mg/mL
	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES

Tezatabep matraxetan

Structure
Tezatabep matraxetan, CAS 1162059-45-1

Tezatabep matraxetan

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ADDITIONAL INFORMATION

Related Product Information for Neuromedin U-23 (rat)(trifluoroacetate salt) biochemical

Neuromedin U-23 (NMU-23) is a neuropeptide involved in diverse biological processes, including smooth muscle contraction, energy homeostasis, and nociception.¹It is an agonist of neuromedin-U receptor 1 (NMUR1; EC50= 0.17 nM for the human receptor in a calcium mobilization assay using HEK293 cells) and NMUR2 (EC50= ~1.4-2 nM for arachidonic acid release in CHO cells expressing the human receptor).^{2,3}NMU-23 (1 uM) induces contractions in isolated rat colon smooth muscle strips.⁴It decreases body weight and food intake and increases core body temperature in mice when administered at a dose of 36 ug/animal.⁵Intrathecal administration of NMU-23 decreases the mechanical pain threshold in the von Frey test in rats.⁶

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

