

Neuromedin U-25(trifluoroacetate salt) Biochemical

Neuromedin U-25 (human)(trifluoroacetate salt)

CATALOG #
AAA227049

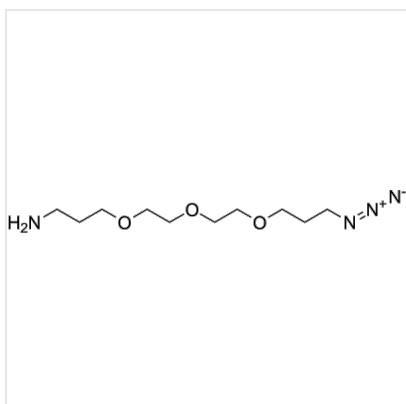
PRODUCT SYNONYMS

Neuromedin U-25(trifluoroacetate salt); Neuromedin U-25 (human)(trifluoroacetate salt); Neuromedin U-25(trifluoroacetate salt) biochemical

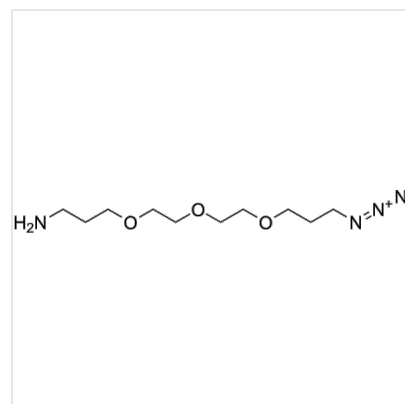
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMF: 5 mg/mL DMSO: 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



Structure
Azido-C1-PEG3-C3-NH2, CAS 1162336-72-2



Structure
Azido-C1-PEG3-C3-NH2, CAS 1162336-72-2

ADDITIONAL INFORMATION

Related Product Information for Neuromedin U-25(trifluoroacetate salt) biochemical	Neuromedin U (NMU) is a neuropeptide first demonstrated to drive smooth muscle contraction. ¹ Translated as a 174 amino acid propeptide, NMU is cleaved to different lengths in different animals. It has diverse receptor-mediated roles in vivo, as it regulates feeding, vasoconstriction, nociception, and bone remodeling and contributes to obesity, cancer and septic shock. ² NMU-25 is the active form of NMU in humans. It binds with high affinity to receptors on human left ventricle and coronary artery (K _D s = 0.26 and 0.11 nM, respectively), eliciting endothelium-independent vasoconstriction. ³ NMU-25 also suppresses glucose-stimulated insulin secretion in human islets, and this effect is lost in NMU R165W mutants, resulting in early-onset obesity. ⁴
References	1. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBiomedicine. 2018 Oct;36:553-562

NCBI AND UNIPROT INFORMATION

Molecular Weight	246.311
------------------	---------

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/biochemical/neuromedin-u-25-trifluoroacetate-salt/227049>