

Thrombin Receptor Agonist Peptide (trifluoroacetate salt) Biochemical

Thrombin Receptor Agonist Peptide (trifluoroacetate salt)

CATALOG #
AAA227208

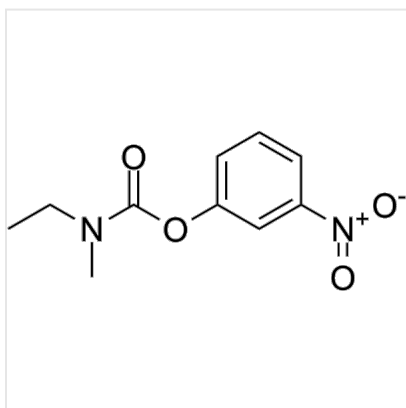
PRODUCT SYNONYMS

Thrombin Receptor Agonist Peptide (trifluoroacetate salt); 3-Nitrophenyl ethyl(methyl)carbamate; Thrombin Receptor Agonist Peptide (trifluoroacetate salt) biochemical

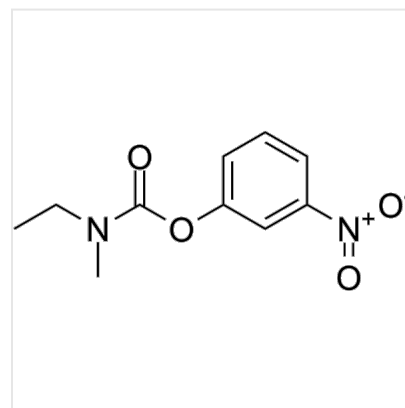
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: 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
Rivastigmine carbamate impurity, CAS 1346242-31-6



Structure
Rivastigmine carbamate impurity, CAS 1346242-31-6

ADDITIONAL INFORMATION

Related Product Information for Thrombin Receptor Agonist Peptide (trifluoroacetate salt) biochemical	Thrombin receptor agonist peptide (TRAP-14) is a 14-amino acid peptide agonist of the alpha-thrombin receptor. It induces aggregation of washed platelets as well as platelets in citrated and hirudin plasma. TRAP-14 (100 uM) increases the cytosolic calcium concentration in isolated guinea pig pulmonary smooth muscle cells 5-fold over baseline. It increases pulmonary arterial pressure in isolated guinea pig lung when used at a concentration of 1 uM, which is comparable to the effect induced by 10 nM alpha-thrombin. TRAP-14 also induces contraction of isolated rat aortic rings and increases endothelin-1 (ET-1) levels in a dose-dependent manner, an effect that is reversed by the ETA antagonist BQ-123 and the nitric oxide synthase (NOS) inhibitor L-NNA.
References	1. Ziwei Chen, et al. Discovery of novel rivastigmine-hydroxycinnamic acid hybrids as multi-targeted agents for Alzheimer's disease. Eur J Med Chem. 2017 Jan 5;125:784-792. 2. Qian-Sheng Yu, et al. Anticholinesterase activity of compounds related to geneserine tautomers. N-Oxides and 1,2-oxazines. J Med Chem. 2002 Aug 15;45(17):3684-91.

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://www.aaabiotech.com/biochemical/thrombin-receptor-agonist-peptide-trifluoroacetate-salt/227208>