

Apelin-12 Biochemical

Apelin-12

CATALOG #
AAA228300

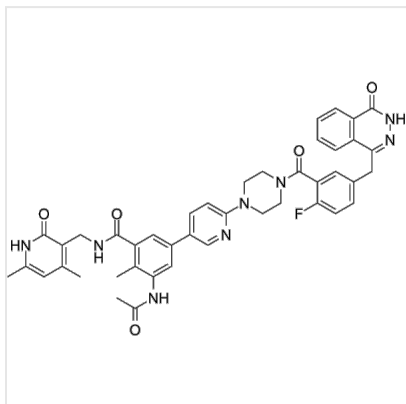
PRODUCT SYNONYMS

Apelin-12; Apelin-12 biochemical

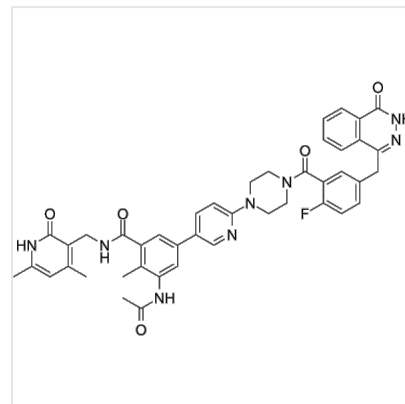
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	229961-08-4
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Apelin-12 (A12) exerts neuroprotective effect against ischemia-reperfusion injury by inhibiting JNK and p38 MAPK signaling pathway in mouse[1]. Administration of exogenous A12 reduces arterial blood pressure in anesthetized rats due to activation of endothelial nitric oxide synthase and exerts a positive inotropic action in failing myocardium of rodents[2]. Apelin-12 stimulates acid secretion through an increase of histamine release in rat stomachs[4].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
PARP/EZH2-IN-1, CAS 2687273-52-3



Structure
PARP/EZH2-IN-1, CAS 2687273-52-3

ADDITIONAL INFORMATION

Related Product Information for Apelin-12 biochemical	Apelin-12 is one of the most potent C-terminal fragments of the polypeptide that possesses a high affinity to orphan receptor APJ receptor. Apelin-12 is involved in the regulation of body fluid homeostasis and in the central control of feeding. Apelin-12 blocks HIV-1 entry through APJ receptor. Apelin-12 exerts neuroprotective effect.
References	1. Wang C, et al. Discovery of First-in-Class Dual PARP and EZH2 Inhibitors for Triple-Negative Breast Cancer with Wild-Type BRCA. J Med Chem. 2021 Sep 9;64(17):12630-12650.

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.

