

Product Name: Phoenixin-20

Cat. No.: MRP-2505-CXX-28

Package: 5 mg/10 mg/50 mg/100 mg

Description

Phoenixin-20 (PNX-20) is a bioactive peptide with hormone-like actions in vertebrates, stimulating hypothalamo-pituitary-gonadal hormones and regulating mammalian reproductive processes. It promotes neuronal mitochondrial biogenesis via the CREB-PGC-1 α pathway and has anxiolytic effects.

Product Details

Synonyms: PNX-20

Purity: 99.68%

Formula: C101H153N25O29

Molecular Weight: 2181.45

Appearance: Solid

Color: White to off-white

Biological Target: Epigenetic Reader Domain; PGC-1 α

Research Areas: Neurological Disease

Sequence: Ala-Gly-Ile-Val-Gln-Glu-Asp-Val-Gln-Pro-Pro-Gly-Leu-Lys-Val-Trp-Ser-Asp-Pro-Phe-NH₂

Sequence Shortening: AGIVQEDVQPPGLKVVSDPF-NH₂

Solubility: DMSO: 50 mg/mL (22.92 mM, need ultrasonic)

Shipping Conditions: Room Temperature

Storage Information: Powder: -80°C (2 years), -20°C (1 year); In solvent: -80°C (6 months), -20°C (1 month)

 For preclinical research and development use only; not intended for therapeutic or other applications.