

## Phoenixin-20 TFA

## Chemical Properties

CAS No. :

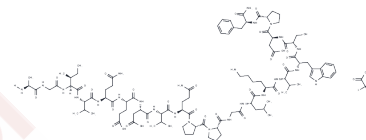
Formula: C101H153N25O29.xC2HF3O2

Molecular Weight:

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Phoenixin-20 (TFA) (PNX-20 (TFA)) is a bioactive peptide that stimulates hypothalamo-pituitary-gonadal hormones, regulates mammalian reproductive processes, enhances neuronal mitochondrial biogenesis via the CREB-PGC-1 $\alpha$ pathway, and exhibits anxiolytic properties [1] [2] [3].
Targets(IC50)	Epigenetic Reader Domain

## Solubility Information

Solubility	DMSO: 100 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

Jiang JH, et al. Effects of Phoenixin-14 on anxiolytic-like behavior in mice. Behav Brain Res. 2015;286:39-48.

Zhang J, et al. Phoenixin-20 TFA ameliorates Sevoflurane inhalation-induced post-operative cognitive dysfunction in rats via activation of the PKA/CREB signaling. Aging (Albany NY). 2023 Dec 4;15(24):14666-14676.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481