

SAMβA TFA

Cat. No.: HY-P3429A
Molecular Formula: C₅₀H₇₃N₁₇O₁₆ · xC₂HF₃O₂
Sequence: Arg-Asn-Ala-Glu-Asn-Phe-Asp-Arg-Phe
Sequence Shortening: RNAENFDRF
Target: PKC
Pathway: Epigenetics; TGF-beta/Smad
Storage: Sealed storage, away from moisture

Powder -80°C 2 years
-20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

RNAENFDRF (TFA)

SOLVENT & SOLUBILITY

In Vitro H₂O : 50 mg/mL (Need ultrasonic)

BIOLOGICAL ACTIVITY

Description SAMβA TFA is conjugated to the cell permeable peptide TAT47-57. SAMβA TFA, a rationally designed selective antagonist of Mfn1-βIIPKC association. SAMβA TFA is a selective inhibitor of mitofusin 1-βIIPKC association improves heart failure outcome in rats^[1].

REFERENCES

[1]. Julio C B Ferreira A selective inhibitor of mitofusin 1-βIIPKC association improves heart failure outcome in rats. Nat Commun. 2019 Jan 18;10(1):329.

Caution: Product has not been fully validated for medical applications. For research use only.

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