

Product Data Sheet

Product Name: SAM β A TFA

Cat. No.: GC72185

Chemical Properties

Cas. No.

Formula C₅₀H₇₃N₁₇O₁₆ .xC₂HF₃O₂ M.Wt 1168.22 (free acid)

Solubility H₂O : 50 mg/mL (Need ultrasonic) Storage Sealed storage, away from moisture

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

RNAENFDRF (TFA)

Background

SAM β A TFA is conjugated to the cell permeable peptide TAT47-57. SAM β A TFA, a rationally designed selective antagonist of Mfn1- β IIPKC association. SAM β A TFA is a selective inhibitor of

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

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mitofusin 1- β IIPKC association improves heart failure outcome in rats.

References:

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

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