

Product Data Sheet

Product Name: aStAx-35R TFA

Cat. No.: GC74321

Chemical Properties

Cas. No.

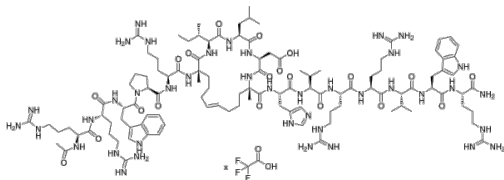
Formula $C_{111}H_{178}N_{40}O_{20} \cdot xC_2HF_3O_2$ M.Wt 2392.86 (free base)

Solubility DMSO : 100 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



Background

aStAx-35R TFA, a stapled peptide, antagonizes nuclear form of β -catenin and inhibits Wnt signaling. aStAx-35R TFA inhibits competitively the binding of β -catenin to TCF4. aStAx-35R TFA selectively induces growth inhibition of Wnt-dependent cancer cells.

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

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References:

[1]. Grossmann TN, et al. Inhibition of oncogenic Wnt signaling through direct targeting of β -catenin. Proc Natl Acad Sci U S A. 2012 Oct 30;109(44):17942-7.

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