

Product Data Sheet

Product Name: xStAx-VHLL TFA

Cat. No.: GC74412

Chemical Properties

Cas. No.

Formula $C_{154}H_{244}N_{48}O_{29}.xC_2HF_3O_2$ M.Wt 3231.89 (free base)

Solubility H_2O : 100 mg/mL (Need ultrasonic); Storage Sealed storage, away from moisture
DMSO : 100 mg/mL (Need and light
ultrasonic)

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

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

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

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Structure

Ac-RRWPR(S₅)ILD(S₅)HVRRVWR-(Ahx)-ALAPYIP-NH₂ (TFA salt)

Background

xStAx-VHLL TFA, a PROTAC, sustains β -catenin degradation and manifested strong inhibition of Wnt signaling. xStAx-VHLL TFA promotes β -catenin ubiquitination.

References:

[1]. Hongwei Liao, et al. A PROTAC peptide induces durable β -catenin degradation and suppresses Wnt-dependent intestinal cancer. Cell Discov. 2020 Jun 9:6:35.

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