
Product Data Sheet

Product Name: SJPYT-195

Cat. No.: GC69906

Chemical Properties

Cas. No.

Formula $C_{35}H_{34}N_6O_8$ M.Wt 666.68

Solubility DMSO : 62.5 mg/mL (93.75 mM; Need ultrasonic) Storage Store at -20°C

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

SJPYT-195 is a cytotoxic **GSPT1** degrader and can be used for PROTAC synthesis^[1].

SJPYT-195 (24 h) potently and efficaciously reduces endogenous PXR (pregnane X receptor) protein in the colorectal SNU-C4 cell line (SNU-C4 3xFLAG-PXR KI cells), with a half maximal degradation concentration (DC_{50}) of 310 ± 130 nM and maximum degradation efficacy (D_{MAX}) of $85 \pm 1\%$ ^[1].

SJPYT-195 reduces PXR protein through the degradation of GSPT1^[1].

[1]. Huber A D, et al. SJPYT-195: A Designed Nuclear Receptor Degradator That Functions as a Molecular Glue Degradator of GSPT1. ACS Medicinal Chemistry Letters, 2022.

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

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