

Product Data Sheet

Product Name: HTH-02-006

Cat. No.: GC73637

Chemical Properties

Cas. No.

Formula $C_{25}H_{29}N_6O_3$ M.Wt 588.44

Solubility DMSO : 100 mg/mL (169.94 mM; Storage -20°C
Need ultrasonic)

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.

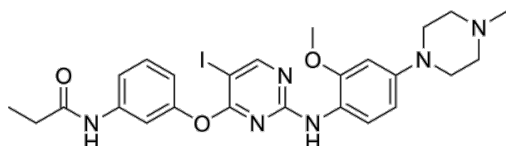
Caution: Product has not been fully validated for medical applications. For research use only.

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Structure



Background

HTH-02-006 is a NUA2 inhibitor ($IC_{50} = 126 \text{ nM}$). HTH-02-006 reduces levels of phosphorylated MYPT1 in HuCCT-1 cells. HTH-02-006 inhibits YAP-driven cell proliferation, hepatomegaly and tumorigenesis. HTH-02-006 also has antifibrotic protective effect.

References:

- [1]. Yuan WC, et al. NUA2 is a critical YAP target in liver cancer. Nat Commun. 2018 Nov 16;9(1):4834.
- [2]. Zhang T, et al. NUA1 promotes organ fibrosis via YAP and TGF- β /SMAD signaling. Sci Transl Med. 2022 Mar 23;14(637):eaaz4028.

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