

Product Data Sheet

Product Name: YTP-17
Cat. No.: GC73298

Chemical Properties

Cas. No.

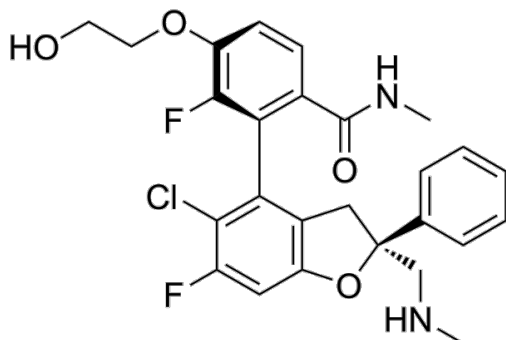
Formula $C_{26}H_{25}ClF_2N_2O_4$ M.Wt 502.94

Solubility DMSO : ≥ 100 mg/mL (198.83 mM) Storage 4°C, protect from light, stored under nitrogen

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

YTP-17 is an orally active YAP-TEAD protein-protein interaction inhibitor with an IC₅₀ of 4 nM. YTP-17 shows anti-tumor efficacy.

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

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YTP-17 shows antiproliferative activity against NCI-H2052 cells with an IC₅₀ of 45 nM[1].

YTP-17 (60 mg/kg; oral gavage; once daily; for 2 weeks) shows anti-tumor efficacy in NCI-H226 xenograft mouse model[1].

References:

[1]. Holger Sellner, et al. Optimization of a Class of Didrobenzofurane Analogs toward Orally Efficacious YAP-TEAD Protein-Protein Interaction Inhibitors. ChemMedChem. 2023 Jun 1;18(11):e202300051.

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