Product Data Sheet

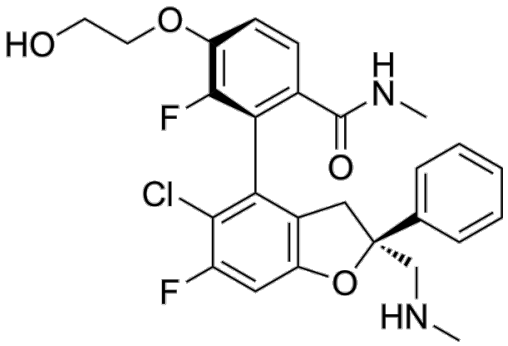
Product Name: YTP-17
Cat. No.: GC73298

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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