CCT373566

Cat. No.: HY-146185

CAS No.: 2378853-66-6

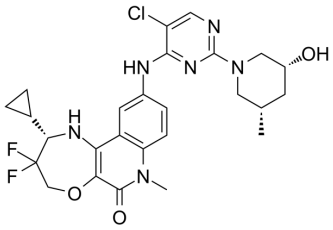
Molecular Formula: $C_{26}H_{29}ClF_2N_6O_3$

Molecular Weight: 547

Target: Bcl-2 Family

Pathway: Apoptosis

Storage: 4°C, protect from light
* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (91.41 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.8282 mL	9.1408 mL	18.2815 mL
	5 mM	0.3656 mL	1.8282 mL	3.6563 mL
	10 mM	0.1828 mL	0.9141 mL	1.8282 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (4.57 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

CCT373566 is a potent and orally active degrader of transcriptional repressor BCL6, with an IC_{50} of 2.2 nM. CCT373566 shows strong antiproliferative efficacy in vitro and reduction in tumor growth in vivo[1].

REFERENCES

[1]. Huckvale R, et, al. Improved Binding Affinity and Pharmacokinetics Enable Sustained Degradation of BCL6 In Vivo. J Med Chem. 2022 Jun 23;65(12):8191-8207.

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

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