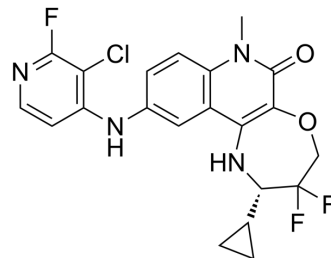


CCT374705

Cat. No.:	HY-153521
CAS No.:	2640647-90-9
Molecular Formula:	C ₂₁ H ₁₈ ClF ₃ N ₄ O ₂
Molecular Weight:	450.84
Target:	BCL6
Pathway:	Immunology/Inflammation
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (221.81 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.2181 mL	11.0904 mL	22.1808 mL
				5 mM	0.4436 mL	2.2181 mL	4.4362 mL
				10 mM	0.2218 mL	1.1090 mL	2.2181 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (5.55 mM); Suspended solution; Need ultrasonic						
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.55 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	CCT374705 is an orally active BCL6 inhibitor with potent antiproliferative effects in vitro. CCT374705 effectively inhibits tumor growth in a lymphoma xenograft mouse model ^[1] .
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REFERENCES

[1]. Harnden AC, et al. Discovery of an In Vivo Chemical Probe for BCL6 Inhibition by Optimization of Tricyclic Quinolinones. J Med Chem. 2023 Apr 27;66(8):5892-5906.

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

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