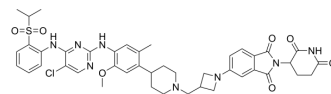


CPD-1224

Cat. No.:	HY-153386		
CAS No.:	2891620-68-9		
Molecular Formula:	C ₄₃ H ₄₇ ClN ₈ O ₇ S		
Molecular Weight:	855.4		
Target:	Anaplastic lymphoma kinase (ALK)		
Pathway:	Protein Tyrosine Kinase/RTK		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 14.29 mg/mL (16.71 mM); ultrasonic and warming and heat to 160°C)					
		Solvent Concentration	Mass			
	Preparing Stock Solutions			1 mg	5 mg	10 mg
		1 mM		1.1690 mL	5.8452 mL	11.6904 mL
5 mM			0.2338 mL	1.1690 mL	2.3381 mL	
	10 mM		0.1169 mL	0.5845 mL	1.1690 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: ≥ 1.43 mg/mL (1.67 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	CPD-1224 is an orally active derivative of ALK inhibitors to cereblon ligands. CPD-1224 targets to EML4-ALK oncogenic fusions, and degrades ALK and mutant L1196M/G1202R ^[1] .
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REFERENCES

[1]. Gao Y, et al. Catalytic Degraders Effectively Address Kinase Site Mutations in EML4-ALK Oncogenic Fusions. J Med Chem. 2023 Apr 10.

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

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