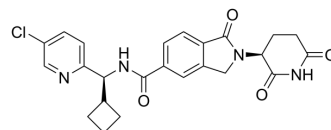


CK1α degrader-1

Cat. No.:	HY-160532
CAS No.:	2881012-96-8
Molecular Formula:	C ₂₄ H ₂₃ ClN ₄ O ₄
Molecular Weight:	467
Target:	Casein Kinase
Pathway:	Cell Cycle/DNA Damage; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CK1α degrader-1 (Compound 82) is an orally active CK1α degrader with a DC ₅₀ of 0.105 μM. CK1α degrader-1 can be used for the research of cancer ^[1] .						
In Vivo	Pharmacokinetic Analysis in Mice ^[1]						
	Route	Dose (mg/kg)	CL (mL/min/kg)	C ₀ (ng/mL)	t _{1/2} (hr)	V _{ss} (L/kg)	
	i.v.	2	10.5	6796	1.34	0.85	
	Route	Dose (mg/kg)	C _{max} (ng/mL)	T _{max} (h)	T _{1/2} (h)	AUC _(0-inf) (ng·h/mL)	F (%)
	p.o.	10	6080	0.67	2.03	13264	85
	MCE has not independently confirmed the accuracy of these methods. They are for reference only.						

REFERENCES

[1]. Fu L, et al. Isoindolinone compounds, and uses thereof. WO2022257897A1. 2022-12-15.

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

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