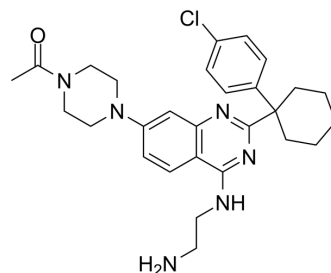


DCAF1 binder 1

Cat. No.:	HY-149934		
Molecular Formula:	C ₂₈ H ₃₅ ClN ₆ O		
Molecular Weight:	507.07		
Target:	Ligands for E3 Ligase		
Pathway:	PROTAC		
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 : 50 mg/mL (98.61 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9721 mL	9.8606 mL	19.7211 mL
	5 mM	0.3944 mL	1.9721 mL	3.9442 mL
	10 mM	0.1972 mL	0.9861 mL	1.9721 mL

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

BIOLOGICAL ACTIVITY

Description

DCAF1 binder 1 is a selective for the CRL4 DCAF1 E3 ligase complex. DCAF1 binder 1 is a ligands for E3 Ligase, involving in targeted protein degradation (TPD)^[1].

REFERENCES

[1]. Schroeder M, et al. Reinstating targeted protein degradation with DCAF1 PROTACs in CRBN PROTAC resistant settings[J]. bioRxiv, 2023: 2023.04. 09.536153.

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

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