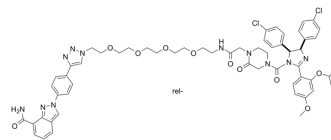


rel-PROTAC PARP1 degrader

Cat. No.:	HY-114324A		
Molecular Formula:	C ₅₈ H ₆₃ Cl ₂ N ₁₁ O ₁₀		
Molecular Weight:	1145.09		
Target:	PROTACs; PARP		
Pathway:	PROTAC; Cell Cycle/DNA Damage; Epigenetics		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

rel-PROTAC PARP1 degrader is the relative configuration of ROTAC PARP1 degrader (HY-114324). ROTAC PARP1 degrader is a PARP1 degrader based on MDM2 E3 ligand. It induces significant PARP1 cleavage and programmed cell death. PROTAC PARP1 degrader at 10 μM at 24 h inhibits MDA-MB-231 cell line with an IC₅₀ of 6.12 μM.

REFERENCES

[1]. Zhao Q, et al. Induction of apoptosis in MDA-MB-231 breast cancer cells by a PARP1-targeting PROTAC small molecule. Chem Commun (Camb). 2019 Jan 2;55(3):369-372.

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

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