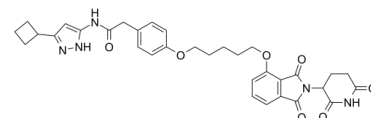


Data Sheet

Product Name:	PROTAC CDK9 Degradar-1
Cat. No.:	CS-0028478
CAS No.:	2118356-96-8
Molecular Formula:	C ₃₃ H ₃₅ N ₅ O ₇
Molecular Weight:	613.66
Target:	CDK; PROTACs
Pathway:	Cell Cycle/DNA Damage; PROTAC
Solubility:	DMSO : ≥ 104 mg/mL (169.47 mM)



BIOLOGICAL ACTIVITY:

PROTAC CDK9 Degradar-1 is a PROTAC connected by ligands for **Cereblon** and **CDK** as a selective **CDK9** degrader. IC₅₀ & Target: CDK9^[1] **In Vitro:** PROTAC CDK9 Degradar-1 (Compound 3; 2.5-20 μM; 6 hours) degrades CDK9 in a dose dependent manner in HCT116 cells^[1].

References:

[1]. Robb CM, et al. Chemically induced degradation of CDK9 by a proteolysis targeting chimera (PROTAC). Chem Commun (Camb). 2017 Jul 4;53(54):7577-7580.

CAIndexNames:

Benzeneacetamide, N-(5-cyclobutyl-1H-pyrazol-3-yl)-4-[[5-[[2-(2,6-dioxo-3-piperidinyl)-2,3-dihydro-1,3-dioxo-1H-isoindol-4-yl]oxy]pentyl]oxy]-

SMILES:

O=C(CC1=CC=C(OCCCCCOC2=CC=CC(C(N3C4C(NC(CC4)=O)=O)=O)=C2C3=O)C=C1)NC5=CC(C6CCC6)=NN5

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

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