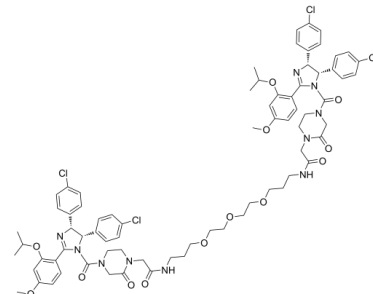


Data Sheet

Product Name:	PROTAC MDM2 Degradar-1
Cat. No.:	CS-0100638
CAS No.:	2249944-98-5
Molecular Formula:	C ₇₄ H ₈₄ Cl ₄ N ₁₀ O ₁₃
Molecular Weight:	1463.33
Target:	E1/E2/E3 Enzyme; MDM-2/p53; PROTACs
Pathway:	Apoptosis; Metabolic Enzyme/Protease; PROTAC
Solubility:	DMSO : 100 mg/mL (ultrasonic)



BIOLOGICAL ACTIVITY:

PROTAC MDM2 Degradar-1 is a **MDM2** degrader based on **PROTAC** technology. PROTAC MDM2 Degradar-1 is 15a of patent CN108610333A. PROTAC MDM2 Degradar-1 composes of a potent MDM2 inhibitor, linker, and the MDM2 ligand for E3 ubiquitin ligase^[1].

References:

[1]. Method of inducing of self-degradation of MDM2 using E3 ubiquitin ligase dimer amide small molecule PROTACs. CN108610333A.

CAIndexNames:

N,N'-(((Oxybis(ethane-2,1-diyl))bis(oxy))bis(propane-3,1-diyl))bis(2-(4-((4R,5S)-4,5-bis(4-chlorophenyl)-2-(2-isopropoxy-4-methoxyphenyl)-4,5-dihydro-1H-imidazole-1-carbonyl)-2-oxopiperazin-1-yl)acetamide)

SMILES:

O=C(N1CC(N(CC(NCCCOCOCOCOCNC(CN2C(CN(C(N3[C@@H](C4=CC=C(Cl)C=C4)[C@@H](C5=CC=C(Cl)C=C5)N=C3C6=C(C=C(OC)C=C6)OC(C)C)=O)CC2)=O)=O)CC1)=O)N7[C@@H](C8=CC=C(Cl)C=C8)[C@@H](C9=CC=C(Cl)C=C9)N=C7C%10=C(C=C(OC)C=C%10)OC(C)C

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

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