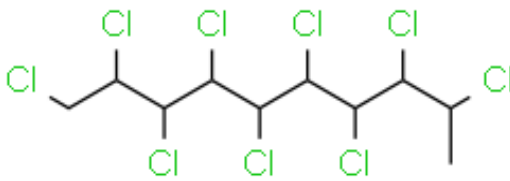


Product Data Sheet

Cas No.:	2366268-80-4	Cat. No:	PL10651
Product Name:	CP-10		
Product synonym:	-		
Chemical name:	CP-10		
MF:	C10H13CL9	FW:	452.2872
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	ClC([H])(C([H])(C([H])(C([H])(C([H])([H])Cl)Cl)Cl)C([H])(C([H])(C([H])(C([H])([H])([H])Cl)Cl)Cl)Cl		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

CP-10 是由Cereblon配体和CDK配体相连的PROTAC，具有高选择性，特异性和显著的 CDK6 降解潜力 (DC₅₀=2.1 nM) 的 PROTAC。它抑制几种造血细胞癌的增殖，包括多发性骨髓瘤，并且对突变和过表达的 CDK6 仍然可以降解。

生物活性	CP-10 is a PROTAC connected by ligands for Cereblon and CDK, with highly selective, specific, and remarkable CDK6 degradation (DC ₅₀ =2.1 nM). It inhibits proliferation of several haematopoietic cancer cells with impressive potency including multiple myeloma, and can still degrades mutated and overexpressed CDK6.
IC50 & Target[1][2]	CDK6 2.1 nM (DC50) Cereblon
体外研究(In Vitro)	CP-10 induces nearly 72% degradation of CDK6 at 10 nM and 89% at 100 nM in human glioblastoma U251 cells. The degradation of CDK4 induced by CP-10 is far weaker than that of CDK6 (DC50: 50-80 fold). CP-10 displays a cell inhibition potential in multiple myeloma cell MM.1S (IC50≈10 nM) and mantle cell lymphoma cells (in Mino, IC50≈8 nM). has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	-20°C, stored under nitrogen In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)
溶解度数据	In Vitro: DMSO : 200 mg/mL (229.37 mM; Need ultrasonic)配制储备液