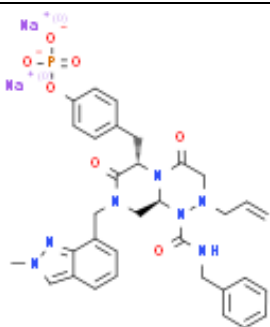


## Product Data Sheet

Cas No.:	1144044-02-9	Cat. No:	PL13202
Product Name:	CWP232228		
Product synonym:	-		
Chemical name:	CWP232228		
MF:	C33H34N7NA2O7P	FW:	717.619069576263
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	P(=O)([O-])([O-])OC1C=CC(=CC=1)C[C@H]1C(N(CC2=CC=CC3=CN(C)N=C23)C[C@@H]2N(C(NCC3C=CC=CC=3)O)N(CC=C)CC(N21)=O)=O.[Na+].[Na+]		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

## Product Description

CWP232228 是一种高效的选择性 Wnt/β-catenin 信号通路抑制剂，在细胞核中，拮抗 β-catenin 与 T 细胞因子 (TCF) 结合。CWP232228 通过抑制乳腺癌和肝癌干细胞 (CSCs) 的生长来抑制肿瘤的形成和转移而无毒性。

生物活性	CWP232228, a highly potent selective Wnt/β-catenin signaling inhibitor, antagonizes binding of β-catenin to T-cell factor (TCF) in the nucleus. CWP232228 suppresses tumor formation and metastasis without toxicity through the inhibition of the growth of breast and liver cancer stem cells (CSCs).
IC50 & Target[1][2]	Wnt/β-catenin
体外研究(In Vitro)	CWP232228 (0.01-100 μM; 48 hours) inhibits cell proliferation with IC50 values are 2 and 0.8 μM in mouse (4T1) and human (MDA-MB-435) breast cancer cell lines, respectively. CWP232228 (0.01-10 μM; 48 hours) inhibits cell proliferation with IC50s of 2.566, 2.630, and 2.596 μM in Hep3B, Huh7 and HepG2 cells, respectively. has not independently confirmed the accuracy of these methods. They are for reference only.

体内研究(In Vivo)	CWP232228 (100 mg/kg, administered i.p.; daily; 21days for mice bearing 4T1 cell tumors; 60 days for mice bearing MDA-MB-435 cell tumors) results in a significant reduction in tumor volume. has not independently confirmed the accuracy of these methods. They are for reference only. Animal Model:
包装储存	4°C, sealed storage, away from moistur In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)
溶解度数据	In Vitro: H <sub>2</sub> O : 62.5 mg/mL (87.09 mM; Need ultrasonic)配制储备液