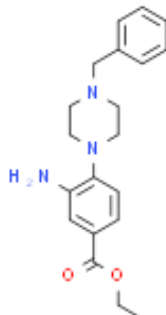


Product Data Sheet

Cas No.:	792946-69-1	Cat. No:	PL15031
Product Name:	DCLX069		
Product synonym:	-		
Chemical name:	DCLX069		
MF:	C20H25N3O2	FW:	339.431
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	CCOC(=O)C1=CC=C(N2CCN(CC3=CC=CC=C3)CC2)C(N)=C1=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

DCLX069 是一种选择性蛋白精氨酸甲基转移酶 1 (PRMT1) 抑制剂, IC₅₀ 值为 17.9 μM。DCLX069 对 PRMT4 和 PRMT6 的活性较低。DCLX069 具有抗癌作用。

生物活性	DCLX069 is a selective protein arginine methyltransferase 1 (PRMT1) inhibitor with an IC ₅₀ value of 17.9 μM. DCLX069 shows less active against PRMT4 and PRMT6. DCLX069 has anticancer effects.
IC ₅₀ & Target[1][2]	PRMT1 17.9 μM (IC ₅₀)
体外研究(In Vitro)	DCLX069 (12.5-100 μM) effectively blocks cell proliferation in breast cancer, liver cancer and acute myeloid leukemia cell lines (MCF7, HepG2, and THP1 cells) in a concentration-dependent manner. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	4°C, protect from light In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)
溶解度数据	In Vitro: DMSO : 100 mg/mL (294.61 mM; Need ultrasonic)配制储备液