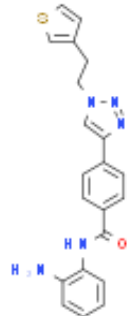


Product Data Sheet

Cas No.:	1451042-18-4	Cat. No:	PL02597
Product Name:	HDAC3-IN-T247		
Product synonym:	N-(2-氨基苯基)-4-[1-[2-(3-噻吩基)乙基]-1H-1,2,3-三唑-4-基]苯甲酰胺		
Chemical name:	HDAC3-IN-T247		
MF:	C21H19N5OS	FW:	389.4735
Purity:	-	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	S1C([H])=C([H])C(=C1[H])C([H])([H])C([H])([H])N1C([H])=C(C2C([H])=C([H])C(C(N([H])C3=C([H])C([H])=C([H])C([H])=C3N([H])([H])=O)=C([H])C=2[H])N=N1		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

HDAC3-IN-T247 是一种有效的选择性 HDAC3 (组蛋白去乙酰化酶 3) 抑制剂, 其 IC_{50} 为 0.24 μM 。HDAC3-IN-T247 诱导 HCT116 细胞选择性增加 NF- κB 乙酰化。HDAC3-IN-T247 具有抗癌和抗病毒活性。HDAC3-IN-T247 能抑制癌细胞生长, 激活潜伏在 HIV 感染细胞中的 HIV 基因表达。

生物活性	HDAC3-IN-T247 is a potent and selective HDAC3 (histone deacetylase 3) inhibitor, with an IC_{50} of 0.24 μM . HDAC3-IN-T247 induces a selective increase of NF- κB acetylation in HCT116 cells. HDAC3-IN-T247 shows anticancer and antiviral activity. HDAC3-IN-T247 inhibits growth of cancer cells, and activates HIV gene expression in latent HIV-infected cells.
IC_{50} & Target[1][2]	HDAC3 0.24 μM (IC_{50}) HDAC1 19 μM (IC_{50})
包装储存	Powder -20°C 3 years; 4°C 2 years