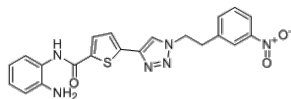


Product Name	: T326	
Synonyms	: T 326;HDAC3 inhibitor T326	
Cat No.	: M11945	
CAS Number	: 1451042-19-5	
Molecular Formula	: C21H18N6O3S	
Formula Weight	: 434.47	
Chemical Name	: N-(2-aminophenyl)-5-(1-(3-nitrophenethyl)-1H-1,2,3-triazol-4-yl)thiophene-2-carboxamide	
Description	A potent and selective HDAC3 inhibitor with IC50 of 0.26 uM, with no activity against HDAC1/4/6/8; induces dose-dependent selective increase of NF-κB acetylation in human colon cancer HCT116 cells, induces growth inhibition of cancer cells, and activates HIV gene expression in latent HIV-infected cells; shows promising activity for anticancer and antiviral benefits.	
Pathway	: Cell Cycle/DNA Damage	
Target	: HDAC	
Receptor	: HDAC	
Solubility	: —	
SMILES	<chem>O=C(C1=CC=C(C2=CN(CCC3=CC=CC([N+])([O-])=O)=C3)N=N2)S1)NC4=CC=CC=C4N</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Suzuki T, et al. PLoS One. 2013 Jul 16;8(7):e68669.