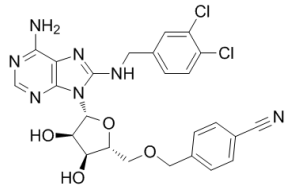


Product Name	: VER-155008	
Synonyms	: VER-155008; VER 155008; VER155008	
Cat No.	: M10467	
CAS Number	: 1134156-31-2	
Molecular Formula	: C ₂₅ H ₂₃ Cl ₂ N ₇ O ₄	
Formula Weight	: 556.40	
Chemical Name	: Adenosine, 5'-O-[(4-cyanophenyl)methyl]-8-[[[(3,4-dichlorophenyl)methyl]amino]-	
Description	: A potent Hsp70 family (Hsc70/Hsp7/Grp78) inhibitor with K _d of 80 nM for Grp78; shows cellular activity in HCT116 cells (GI ₅₀ = 5uM), has similar potencies in both Grp78 and Hsp70; inhibits the proliferation of human breast and colon cancer cell lines with GI ₅₀ s of 5.3-14.4 uM, and induces Hsp90 client protein degradation in both HCT116 and BT474 cells; induced caspase-3/7 dependent apoptosis in BT474 cells.	
Pathway	: Cytoskeleton/Cell Adhesion Molecules	
Target	: HSP	
Receptor	: GRP78;HSC70;HSP70	
Solubility	: DMSO: ≥ 37 mg/mL	
SMILES	: <chem>O[C@@H]([C@H]([C@H](N1C(NCC2=CC=C(Cl)C(Cl)=C2)=NC3=C(N=CN=C31)N)O4)O)[C@H]4COCC5=CC=C(C#N)C=C5</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Macias AT, et al. J Med Chem. 2011 Jun 23;54(12):4034-41. | 2. Massey AJ, et al. Cancer Chemother Pharmacol. 2010 Aug;66(3):535-45. | 3. Kim SH, et al. Biochem Biophys Res Commun. 2014 Nov 7;454(1):36-41.