

Product Name	: CDK9-IN-1
Synonyms	: —
Cat No.	: M11724
CAS Number	: 1415559-43-1
Molecular Formula	: C ₂₆ H ₂₁ N ₅ O ₄ S
Formula Weight	: 499.54
Chemical Name	: N-(5-(6-(3-(1,3-dioxoisindolin-2-yl)phenyl)pyrimidin-4-ylamino)-2-methylphenyl)methanesulfonamide
Description	: CDK9-IN-1 is a potent, selective CDK9 inhibitor with IC ₅₀ of 39 nM (CDK9/CycT1), >10-fold selectivity over CDK4 and >100-fold over CDK1/2/3/5/6/7, inhibits HIV-1 replication in cellular assays.
Pathway	: Angiogenesis
Target	: CDK
Receptor	: CDK
Solubility	: 10 mM in DMSO
SMILES	: <chem>CC1=C(C=C(C=C1)NC2=NC=NC(=C2)C3=CC(=CC=C3)N4C(=O)C5=CC=CC=C5C4=O)NS(=O)(=O)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Németh G, et al. Curr Med Chem. 2011;18(3):342-58.

