

Product Name	: TMP-269
Synonyms	: TMP 269;TMP269
Cat No.	: M11270
CAS Number	: 1314890-29-3
Molecular Formula	: C ₂₅ H ₂₁ F ₃ N ₄ O ₃ S
Formula Weight	: 514.52
Chemical Name	: Benzamide, N-[[tetrahydro-4-(4-phenyl-2-thiazolyl)-2H-pyran-4-yl]methyl]-3-[5-(trifluoromethyl)-1,2,4-oxadiazol-3-yl]-
Description	: A potent and selective class IIa HDAC inhibitor with IC ₅₀ s of 126/80/36/19 nM for HDAC4/5/7/9; less potent or no inhibition for others HDAC isoforms (>2 uM); prevents cell cycle progression, DNA synthesis, and proliferation induced in response to G protein-coupled receptor/PKD1 activation in IEC-18 cells.
Pathway	: Cell Cycle/DNA Damage
Target	: HDAC
Receptor	: HDAC4;HDAC5;HDAC7;HDAC9
Solubility	: DMSO: ≥ 41 mg/mL
SMILES	: O=C(NCC1(C2=NC(C3=CC=CC=C3)=CS2)CCOCC1)C4=CC=CC(C5=NOC(C(F)(F)F)=N5)=C4
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Lobera M, et al. Nat Chem Biol. 2013 May;9(5):319-25.| 2. Sinnott-Smith J, et al. Am J Physiol Cell Physiol. 2014 May 15;306(10):C961-71.| 3. Kikuchi S, et al. Leukemia. 2015 Sep;29(9):1918-27.

