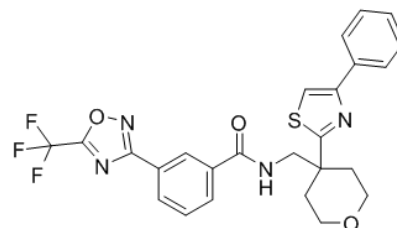


Product Name : TMP-269
Cat. No. : PC-45462
CAS No. : 1314890-29-3
Molecular Formula : C₂₅H₂₁F₃N₄O₃S
Molecular Weight : 514.5195
Target : HDAC
Solubility : DMSO: ≥ 41 mg/mL



Biological Activity

TMP-269 (TMP269) is a potent and selective **class IIa HDAC** inhibitor with IC₅₀s of 126/80/36/19 nM for HDAC4/5/7/9. TMP-269 is less potent or no inhibition for others HDAC isoforms (>2 μM). TMP-269 prevents cell cycle progression, DNA synthesis, and proliferation induced in response to G protein-coupled receptor/PKD1 activation in IEC-18 cells.

References

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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