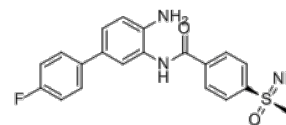


Product Name : TNG260
Cat. No. : PC-20671
CAS No. : 2935964-98-8
Molecular Formula : C₂₀H₁₈FN₃O₂S
Molecular Weight : 383.44
Target : HDAC
Solubility : 10 mM in DMSO



Biological Activity

TNG260 (TNG-260) is a potent, **CoREST**-selective deacetylase (CoreDAC) inhibitor, inhibits HDAC1 with 10-fold selectivity over HDAC3 in cells.

TNG260 displays 500-fold selectivity for the CoREST complex over the other HDAC1-containing complexes, NuRD and Sin3. TNG260 re-sensitizes α -PD1 resistant STK11-mutant MC38 syngeneic tumor model with α -PD1.

The combination of TNG260 and α -PD1 led to durable complete tumor regressions in α -PD1 resistant STK11-mutant MC38 syngeneic tumor models.

TNG260 has no anti-tumor efficacy in immunocompromised mice, indicating the tumor cell killing with TNG260 is immune-mediated and not due to direct cell killing.

TNG260 also decreased intratumoral infiltration of neutrophils, an immune suppressive cell type associated with STK11-mutant NSCLC.

TNG260 reverses the immune evasion phenotype caused by loss of STK11 and induces tumor regressions in an STK11-mutant model in combination with α -PD1.

References

Ahronian LG, et al. **Cancer Res.** 2025 Aug 29. doi: 10.1158/0008-5472.CAN-25-0998.

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

E-mail: tech@probechem.com