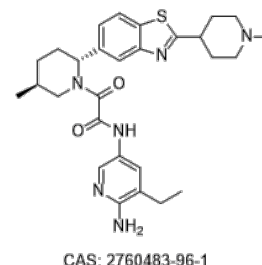


Product Name : TNG462
Cat. No. : PC-22134
CAS No. : 2760483-96-1
Molecular Formula : C₂₈H₃₆N₆O₂S
Molecular Weight : 520.70
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

Vopimetostat (TNG462, TNG-462) is a potent, selective, MTA-cooperative **PRMT5** inhibitor, selective inhibits MTAP-deleted cancer cell lines.

TNG462 shows antiproliferative activity is selective for MTAP-deleted cells in vitro.

TNG462 is 45X selective for MTAP-deleted cancer cell lines over isogenic MTAP WT cell lines and has marked selectivity for MTAP-deleted cancer cell lines independent of lineage in a large, diverse cell line panel.

Oral administration of TNG462 drives dose-dependent antitumor activity including durable tumor regressions and complete responses in cell line- and patient-derived xenograft models representative of clinically relevant histologies.

References

Kimberly J. Briggs, et al. **Cancer Res** (2023) 83 (7_Supplement): 4970.

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

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