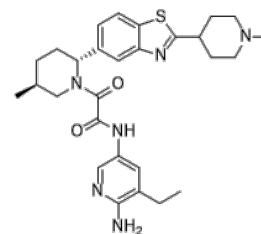


**Product Name** : TNG462  
**Cat. No.** : PC-22134  
**CAS No.** : 2760483-96-1  
**Molecular Formula** : C<sub>28</sub>H<sub>36</sub>N<sub>6</sub>O<sub>2</sub>S  
**Molecular Weight** : 520.70  
**Target** : Histone Methyltransferase (HMTase)  
**Solubility** : 10 mM in DMSO



CAS: 2760483-96-1

## Biological Activity

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!**

E-mail: tech@probechem.com