

Product Datasheet

TNG908

Catalog No. **BP-02048** · CAS **2760481-53-4** · Form **free base** · Physical state **solid** · Color **White to light yellow** · Version **1.0** · Revision **2026-09-14**

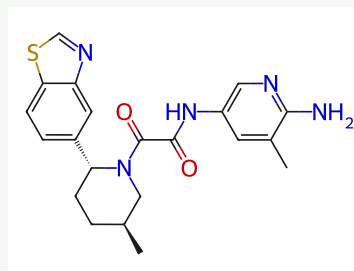
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Target Histone Methyltransferase	Research area Cancer
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Molecular formula **C₂₁H₂₃N₅O₂S**

Molecular weight **409.5050**

STRUCTURE



DESCRIPTION

TNG908 is a MTAP-cooperative PRMT5 inhibitor that can pass through the blood-brain barrier. TNG908 can be used in cancer research.

BIOLOGICAL ACTIVITY

In Vitro

TNG908 (0-10 μM, 24 h) is 15 times more selective for MTAPnull cell lines than MTAPWT cell lines, and the stability of human liver microsomes is C₅₀ = 14 μL/min/mg.

In Vivo

TNG908 (1-120 mg/kg twice daily for 21 days, p.o. or i.v.) A promotes tumor regression in LU99 NSCLC cell line-derived xenograft mouse model.

SOLUBILITY

Soluble in DMSO, >50 mg/mL

REFERENCES

[1]. K. Briggs, et al. TNG908 is a brain-penetrant, MTA-cooperative PRMT5 inhibitor for the treatment of MTAP-deleted cancer. MOLECULAR TARGETED AGENTS 2 | VOLUME 174, SUPPLEMENT 1, S84, OCTOBER 2022.

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