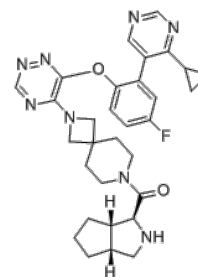


Product Name : BN104
Cat. No. : PC-21568
CAS No. : 2938995-50-5
Molecular Formula : C₃₂H₃₆FN₇O₂
Molecular Weight : 569.69
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



CAS: 2938995-50-5

Biological Activity

BN-104 (Zefamenib, BNM-1192) is a potent, highly selective small molecule **menin-MLL** inhibitor, BNM-1192 is very potent against leukemia cell lines with MLL-fusion protein and NPM1 mutant (MV-4-11 (AF4 fusion), IC₅₀=3.5 nM).

BN104 (BNM-1192) has 1000-fold selectivity over control cell line, HL-60 (MLL wild type).

BN104 (BNM-1192) showed optimized drug-like properties and excellent efficacy in MV4-11 xenograft mouse model.

References

Gejia Cao, et al. *J Hematol Oncol.* 2025 Jun 17;18(1):63.

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

E-mail: tech@probechem.com