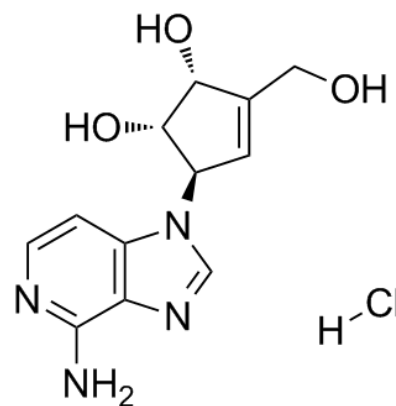

Product Name	: 3-Deazaneplanocin A hydrochloride
Cat. No.	: PC-42907
CAS No.	: 120964-45-6
Molecular Formula	: C ₁₂ H ₁₅ ClN ₄ O ₃
Molecular Weight	: 298.7255
Target	: Histone Methyltransferase (HMTase)
Solubility	: 10 mM in DMSO



Biological Activity

3-Deazaneplanocin A (DZNep) hydrochloride is a highly potent and competitive **S-adenosylhomocysteine hydrolase** inhibitor with K_i of 0.05 nM, also inhibits histone methyltransferase **EZH2**.

3-Deazaneplanocin A (DZNep) is more potent than 3-deazaaristeromycin.

3-Deazaneplanocin A (DZNep) induces EZH2 protein depletion, leads to cell death in several cancers and tumors; anticancer or antiviral agent.

References

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Fiskus W, et al. *Blood.* 2009 Sep 24;114(13):2733-43.

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

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