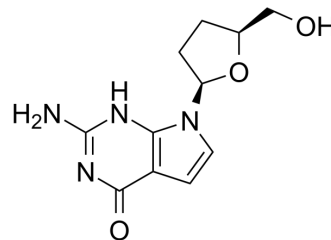


7-Deaza-2',3'-dideoxyguanosine

Cat. No.:	HY-138592
CAS No.:	111869-49-9
Molecular Formula:	C ₁₁ H ₁₄ N ₄ O ₃
Molecular Weight:	250.25
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	7-Deaza-2',3'-dideoxyguanosine (7-Deaza-ddG) is a 2',3'-dideoxynucleoside 5'-triphosphate, which can inhibit HIV-1 reverse transcriptase with a K _i of 25 nM ^[1] .
IC ₅₀ & Target	HIV-1

REFERENCES

[1]. Nicholas A Boyle, et al. Synthesis of 2',3'-dideoxynucleoside 5'-alpha-P-borano-beta,gamma-(difluoromethylene)triphosphates and their inhibition of HIV-1 reverse transcriptase. J Med Chem. 2005 Apr 7;48(7):2695-700.

Caution: Product has not been fully validated for medical applications. For research use only.

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