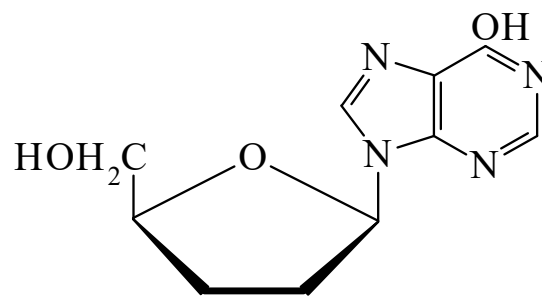




>>Entry Name: Didanosine, BAN, INN, USAN

Synonym(s): 2',3'-Dideoxy-1,9-dihydro-9-β-D-ribofuranosyl-6H-purin-6-one. 2',3'-Dideoxyinosine. DDI. NSC 612049. BMY 40900. Videx



CAS Registry Number: 69655-05-6

Molecular Formula: C₁₀H₁₂N₄O₃

Molecular Weight: 236.23

Accurate Mass: 236.090941

Percentage Composition: C 50.84%; H 5.12%; N 23.72%; O 20.32%

Use/Importance: Antiviral agent. Potentially of use against HIV infection. Nucleoside transporter substrate

Physical Description: Cryst. (EtOH aq. or CH₂Cl₂/Me₂CO)

Development Status: Launched 1991 (US)

Calculated Log P Data: Log P -0.24 (calc)

Other Data: Softens at 184-186°, does not melt <300°

Aldrich: 36264-6

Fluka: 36777

Sigma: D8914

References:

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Hao, Z. *et al.*, *Mol. Pharmacol.*, 1988, **34**, 431, (*pharmacol*)
Chu, C.K. *et al.*, *J.O.C.*, 1989, **54**, 2217, (*synth, pmr*)
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