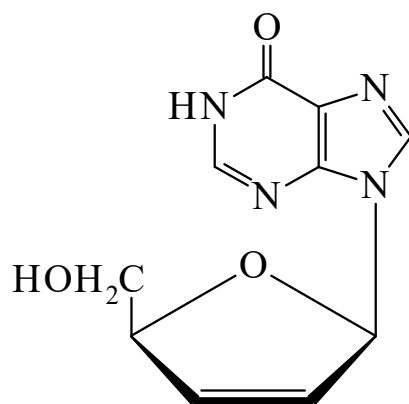




>>Entry Name: 2',3'-Didehydro-2',3'-dideoxyinosine, 9Cl

Synonym(s): 9-(2,3-Dideoxy- β -D-*glycero*-pent-2-enofuranosyl)hypoxanthine



CAS Registry Number: 42867-68-5

Molecular Formula: C₁₀H₁₀N₄O₃

Molecular Weight: 234.214

Accurate Mass: 234.075291

Percentage Composition: C 51.28%; H 4.30%; N 23.92%; O 20.49%

Biological Use/Importance: Nucleoside transporter substrate

Physical Description: Cryst. (MeOH)

Melting Point: Mp 350°

Optical Rotation: $[\alpha]_D^{23}$ -34.8 (c, 0.09 in H₂O)

References:

Jain, T.C. *et al.*, *J.O.C.*, 1974, **39**, 30, (*synth, uv, ord*)

Chu, C.K. *et al.*, *J.O.C.*, 1989, **54**, 2217, (*synth, pmr*)

Robins, M.J. *et al.*, *J.O.C.*, 1995, **60**, 7902-7908, (*synth*)