



LKT Laboratories, Inc.

2',3'-Dideoxyinosine

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Product Information

Product ID D3214

CAS No. 69655-05-6

Chemical Name 2',3'-Dideoxyinosine

Synonym Didanosine, Dideoxyinosine, ddl, ddIno, Videx

Formula C₁₀H₁₂N₄O₃

Formula Wt. 236.23

Melting Point 160-163 °C

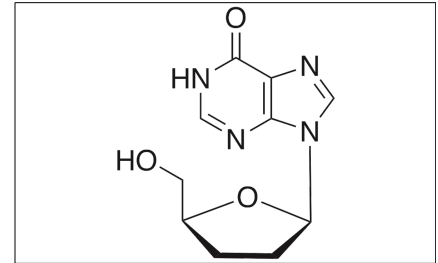
Purity ≥98%

Solubility Soluble in DMSO,
polyethylene glycol.

Store Temp -20 °C

Ship Temp Ambient

Description 2',3'-Dideoxyinosine is a purine (guanosine) nucleoside analog that exhibits antiviral activity through the direct inhibition of reverse transcriptase. 2',3'-Dideoxyinosine acts as a chain terminator and is one component of highly active antiretroviral therapy (HAART) regimens used in the treatment of HIV and AIDS. 2',3'-Dideoxyinosine also inhibits the humoral immune response in vivo, targeting B lymphocytes.



Bulk quantities available upon request

Product ID	Size
D3214	1 mg
D3214	5 mg
D3214	25 mg

References Ribera E, Tuset M, Martín M, et al. Characteristics of antiretroviral drugs. *Enferm Infecc Microbiol Clin.* 2011 May;29(5):362-91. PMID: 21531048.

Phillips KE, Munson AE. 2'3'-Dideoxyinosine inhibits the humoral immune response in female B6C3F1 mice by targeting the B lymphocyte. *Toxicol Appl Pharmacol.* 1997 Aug;145(2):260-7. PMID: 9266798.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.