



LKT Laboratories, Inc.

2',3'-Dideoxycytidine

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## Product Information

Product ID D3212

CAS No. 7481-89-2

### Chemical Name

Synonym Zalcitabine, ddCyd, Hivid

Formula  $C_9H_{13}N_3O_3$

Formula Wt. 211.22

Melting Point 215-217°C

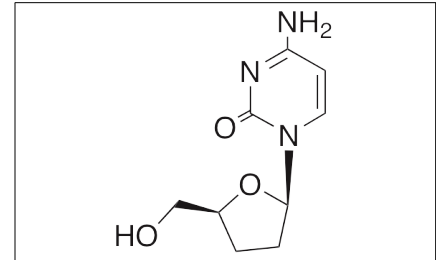
Purity  $\geq 98\%$

Solubility Slightly soluble in water,  
DMSO, methanol.

Store Temp Ambient

Ship Temp Ambient

**Description** Zalcitabine, also known as 2',3'-dideoxycytidine, is an antiviral pyrimidine nucleoside analog that is clinically used to treat HIV infection. Zalcitabine inhibits reverse transcriptase and prevents chain elongation when incorporated into viral DNA.



**Bulk quantities available upon request**

Product ID	Size
D3212	25 mg
D3212	100 mg
D3212	250 mg
D3212	500 mg

**References** Shelton MJ, O'Donnell AM, Morse GD. Zalcitabine. *Ann Pharmacother.* 1993 Apr;27(4):480-9. PMID: 8097417.

Balzarini J. Anti-retroviral activity and molecular-biochemical action mechanism of 2',3'-dideoxynucleoside analogs and 9-(2-phosphonylmethoxyethyl) purine derivatives. *Verh K Acad Geneesk Belg.* 1991;53(1):61-98. PMID: 1647085.

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