



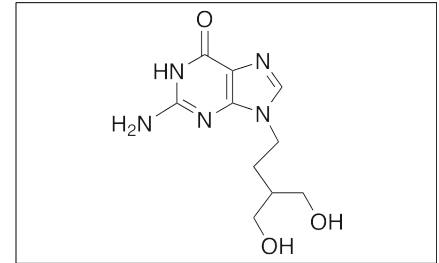
LKT Laboratories, Inc.

Penciclovir

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## Product Information

**Product ID** P1754  
**CAS No.** 39809-25-1  
**Chemical Name** 2-Amino-1,9-dihydro-9-[4-hydroxy-3-(hydroxy-methylbutyl)]-6H-purin-6-one  
**Synonym** Denavir, Vectavir  
**Formula** C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>3</sub>  
**Formula Wt.** 253.26  
**Melting Point** 275-277 °C  
**Purity** ≥98%  
**Solubility** Soluble in water, DMSO.



**Bulk quantities available upon request**

Product ID	Size
P1754	25 mg
P1754	100 mg
P1754	500 mg
P1754	1 g

**Store Temp** Ambient  
**Ship Temp** Ambient

**Description** Penciclovir is a guanosine nucleoside analog that prevents viral replication by inducing lethal mutations and inhibits DNA polymerase. Penciclovir exhibits antiviral activity and is clinically used to treat herpes virus infections.

**References** Deval J. Antimicrobial strategies: inhibition of viral polymerases by 3'-hydroxyl nucleosides. *Drugs*. 2009;69(2):151-66. PMID: 19228073.

Villarreal EC. Current and potential therapies for the treatment of herpes-virus infections. *Prog Drug Res*. 2003;60:263-307. PMID: 12790345.

Balzarini J, Bohman C, Walker RT, et al. Comparative cytostatic activity of different antiherpetic drugs against herpes simplex virus thymidine kinase gene-transfected tumor cells. *Mol Pharmacol*. 1994 Jun;45(6):1253-8. PMID: 8022417.

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