



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 C₁₀H₁₅N₅O₃

Formula Wt. 253.26

Melting Point 275-277 °C

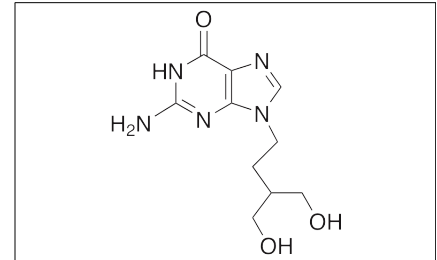
Purity ≥98%

Solubility Soluble in water, DMSO.

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.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
P1754	25 mg	\$52.50
P1754	100 mg	\$97.30
P1754	500 mg	\$121.30
P1754	1 g	\$193.00

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.