



# LKT Laboratories, Inc.

## Valganciclovir Hydrochloride

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### Product Information

Product ID V0244

CAS No. 175865-59-5

Chemical Name

Synonym

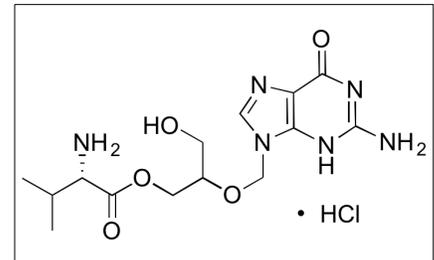
Formula  $C_{14}H_{22}N_6O_5 \cdot HCl$

Formula Wt. 354.36

Melting Point

Purity  $\geq 98\%$

Solubility



Product ID	Size
V0244	25 mg
V0244	50 mg
V0244	100 mg

Store Temp Ambient

Ship Temp Ambient

**Description** Valganciclovir is a mono-valyl ester prodrug of ganciclovir that is orally bioavailable and is well absorbed in the gastrointestinal system. Valganciclovir is an antiviral compound that, like ganciclovir, is an analog of 2'-deoxy-guanosine that is incorporated into DNA by viral DNA polymerase, preventing chain elongation. This compound is used to treat cytomegalovirus (CMV) in newborns and adults and may also exhibit benefit in the treatment of Kaposi sarcoma flares.

**References** Stronati M, Lombardi G, Garofoli F, et al. Pharmacokinetics, pharmacodynamics and clinical use of valganciclovir in newborns with symptomatic congenital cytomegalovirus infection. *Curr Drug Metab.* 2013 Feb;14(2):208-15. PMID: 22935067.

Iwasenko JM, Scott GM, Rawlinson WD, et al. Successful valganciclovir treatment of post-transplant cytomegalovirus infection in the presence of UL97 mutation N597D. *J Med Virol.* 2009 Mar;81(3):507-10. PMID: 19152402.

Pantanowitz L, Früh K, Marconi S, et al. Pathology of rituximab-induced Kaposi sarcoma flare. *BMC Clin Pathol.* 2008 Jul 23;8:7. PMID: 18651955.

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