



Product Information

Product ID G0152
CAS No. 82410-32-0
Chemical Name 2-Amino-1,9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]-methyl]-6H-purin-6-one

Synonym DHPG, 2'NDG, BIOLF

Formula C₉H₁₃N₅O₄
Formula Wt. 255.23

Melting Point 250° C (dec)

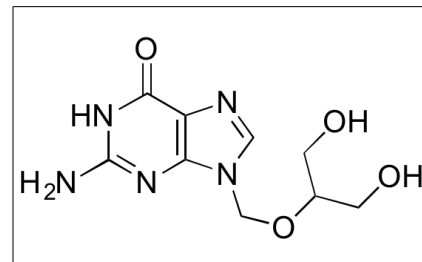
Purity ≥98%

Solubility Soluble in water (2 mg/mL),
0.1 M HCl (10 mg/mL),
DMSO (5 mg/mL), ethanol
(<1 mg/mL).

Store Temp Ambient

Ship Temp Ambient

Description Ganciclovir is a guanosine nucleoside analog that exhibits antiviral activity. Ganciclovir is clinically used to treat cytomegalovirus infection; it inhibits viral DNA polymerase and acts as a chain terminator when incorporated into DNA, limiting DNA synthesis. Ganciclovir is often co-administered with HSV thymidine kinase gene therapy as a sensitizer. TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
G0152	50 mg	\$55.10
G0152	100 mg	\$99.20
G0152	500 mg	\$275.00

References Prichard MN, Kern ER. The search for new therapies for human cytomegalovirus infections. *Virus Res.* 2011 May;157(2):212-21. PMID: 21095209.

Abate-Daga D, Garcia-Rodríguez L, Sumoy L, et al. Cell cycle control pathways act as conditioning factors for TK/GCV sensitivity in pancreatic cancer cells. *Biochim Biophys Acta.* 2010 Oct;1803(10):1175-85. PMID: 20599444.

De Clercq E, Neyts J. Antiviral agents acting as DNA or RNA chain terminators. *Handb Exp Pharmacol.* 2009;(189):53-84. PMID: 19048197.

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