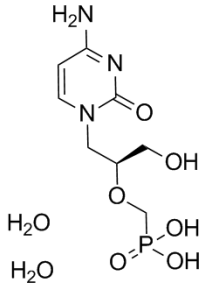


Product Name	: Cidofovir dihydrate	
Synonyms	: HPMPC dihydrate;(S)-HPMPC dihydrate	
Cat No.	: M12069	
CAS Number	: 149394-66-1	
Molecular Formula	: C8H18N3O8P	
Formula Weight	: 315.22	
Chemical Name	: Phosphonic acid, P-[[[(1S)-2-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1-(hydroxymethyl)ethoxy]methyl]-, hydrate (1:2)	
Description	: The prodrug of cidofovir diphosphate that inhibits cytomegalovirus (CMV) viral replication by selectively inhibiting viral DNA polymerases; also incorporates itself into viral DNA hence inhibiting viral DNA synthesis during reproduction.CMV Infection Approved	
Pathway	: Microbiology/Virology	
Target	: CMV	
Receptor	: CMV	
Solubility	: 10 mM in DMSO	
SMILES	: C1=CN(C(=O)N=C1N)CC(CO)OCP(=O)(O)O.O.O	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	