

Product Name : Cidofovir

Synonyms : GS-0504;HPMPC;(S)-HPMPC

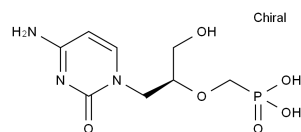
Cat No. : M10487

CAS Number : 113852-37-2

Molecular Formula : C₈H₁₄N₃O₆P

Formula Weight : 279.19

Chemical Name : Phosphonic acid, P-[[[(1S)-2-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1-(hydroxymethyl)ethoxy]methyl]-



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 : DNA/RNAsynthesis

Solubility : H₂O: 6.4 mg/mL (Need warming)

SMILES : OC[C@@H](OCP(O)(O)=O)CN1C=CC(N)=NC1=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :