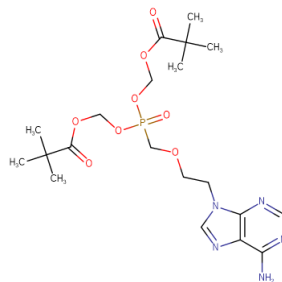


Product Name	: Adefovir dipivoxil
Synonyms	: GS 840, GS-0840, Hepsera; Preveon.
Cat No.	: M11786
CAS Number	: 142340-99-6
Molecular Formula	: C ₂₀ H ₃₂ N ₅ O ₈ P
Formula Weight	: 501.47
Chemical Name	: [2-(6-aminopurin-9-yl)ethoxymethyl-(2,2-dimethylpropanoyloxymethoxy)phosphoryl]oxymethyl 2,2-dimethylpropanoate
Description	: Adefovir dipivoxil, previously called bis-POM PMEA, with trade names Preveon and Hepsera, is an orally-administered acyclic nucleotide analog reverse transcriptase inhibitor (ntRTI) used for treatment of hepatitis B. It is ineffective against HIV-1. Adefovir dipivoxil is the diester prodrug of adefovir.
Pathway	: Microbiology/Virology
Target	: Other Targets
Receptor	: Protein P; Reverse Transcriptase; Reverse Transcriptase
Solubility	: Ethanol: 100 mg/mL (199.41 mM); DMSO: 100 mg/mL (199.41 mM)
SMILES	: <chem>CC(C)(C)C(=O)OCOP(=O)(COCCN1C=NC2=C1N=CN=C2N)OCOC(=O)C(C)(C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Julander JG, et al. Antiviral Res, 2002, 55(1), 27-40.