For Research Use Only Clevudine



Catalog Number: CM04358

产品信息	Catalog Number: CM04358 CAS号: 163252-36-6 分子式: C ₁₀ H ₁₃ FN ₂ O ₅ 主要觀点: DNA/RNA Synthesis HBV 主要通路: 细胞周期 DNA损伤和修复 微生物学	分子量: 260.22 溶解度: Ethanol:4 mg/mL (15.37 mM),DMSO:49 mg/mL (188.3 mM),H2O:48 mg/mL (184.5 mM)	HN CH ₃
体外活性	cytotoxicities in a variety of cell lines incl is metabolized in cells by the cellular thy subsequently to the di- and triphosphate. inhibits the HBV DNA synthesis in a dose- Clevudine results in increase of the amou monophosphate (L-FMAUMP) is a poorer si	nst HBV (EC50 0.1 μ M in HepG2 2.2.15 cells) as 1 uding MT2, CEM, H1 and HepG2 2.2.15 and bone midine kinase as well as deoxycytidine kinase t Clevudine is known to act specifically on viral D dependent manner without being incorporated in rts of the diphosphate and triphosphate metabol ubstrate than its D-configuration anomer. [2] Cle the compound in cell culture, which involves the	marrow progenitor cells. Clevudine o its monophosphate, and NA synthesis, and its triphosphate nto the DNA or chain termination. [1] ites of these analogs. Clevudine vudine is readily phosphorylated to
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描述	phosphorylated to its active metabolites, with thymidine for incorporation into vira DNA polymerase (reverse transcriptase). C	gue with activity against hepatitis B virus (HBV) clevudine monophosphate and triphosphate. The LDNA, thereby causing DNA chain termination a Clevudine has a long half-life and shows signific nt is less likely to have a relapse after treatmen	e triphosphate metabolite competes nd inhibiting the function of HBV ant reduction of covalently closed
储存	Powder: - 20°C for 3 years In solven	::-80°C for 2 years	