

Acelarin

Catalog No: #S4060

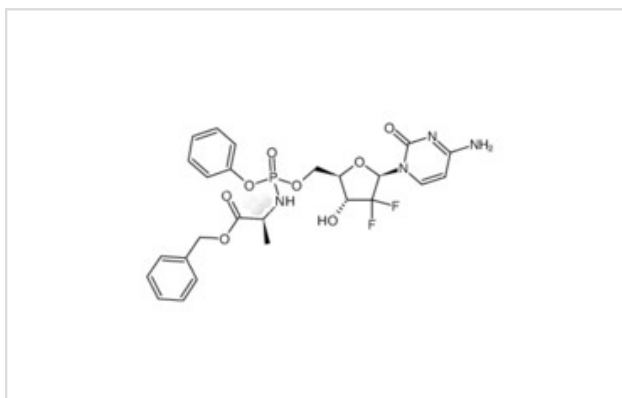
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Description

Product Name	Acelarin
Brief Description	Inhibitors
Purification	98.00%
Target Name	DNA/RNA Synthesis inhibitor
Calculated MW	580.47
Formulation	C25H27F2N4O8P
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Cancer
 SMILES: C[C@H](NP(OC1=CC=CC=C1)(OC[C@H]2O[C@@H](N3C=CC(N)=NC3=O)C(F)(F)[C@H]2O)=O)C(OCC4=CC=CC=C4)=O
 Pathways: DNA Damage/DNA Repair
 Receptor: DNA synthesis
 Boiling pt: Melting pt: Solubility: DMSO: 36 mg/mL
 Appearance: Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

- Slusarczyk M, et al. Application of ProTide technology to gemcitabine: a successful approach to overcome the key cancer resistance mechanisms leads to a new agent (NUC-1031) in clinical development. *J Med Chem.* 2014 Feb 27;57(4):1531-42.

Note: This product is for in vitro research use only