



# IDX184

Catalog No: #S08715

Package Size: #S08715-1 1 mg #S08715-2 10 mg #S08715-3 25 mg #S08715-4 5 mg #S08715-5 50 mg  
 Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
 Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	IDX184
Other Names	IDX 184;IDX184;IDX-184;HCV NS5B polymerase;HCV Protease;HCVProtease
Calculated MW	626.62
Storage	store at low temperature . Powder: -20°C for 3 years . In solvent: -80°C for 1 year . Shipping with blue ice.

## Application Details

ε ε• εO• :C25H35N6O9PSSmile:C[C@]1(O)[C@H](N2C3=C(N=C2)C(=O)N=C(N)N3)O[C@H](COP(NCC4=CC=CC=C4)(OCCSC(C(CO)(C)C)=O)=O)[C@H]1ODMLε• :MFCD23381633ηI—εI':99.29%ζIAθ\$£εI':DMSO:50 mg/mL (79.79 mM)δ½ ε ζ'»ζ §:IDX184, a liver-targeted prodrug of the nucleotide 2β<sup>2</sup>-MeG-MP, serves as a hepatitis C virus polymerase inhibitor with liver-specific targeting.[1]

IDX184 is not toxic (CC50>100ΞOM) in any tested cell line.[2]

IDX184 is a second-generation, orally bioavailable nucleotide prodrug designed to provide increased anti-HCV efficacy and safety versus the parent nucleoside. In HCV replicon testing, IDX184 is the most potent inhibitor (EC50=0.3-0.45 ΞOM) compared to any of the 2β or 4β modified nucleosides (EC50=4-6 ΞOM) and is also highly inhibitory in the JFH-1 infectious system (EC50=0.06-0.11 ΞOM).[2]• 'Aη 'Hζ'»ζ §:HCV polymerase:0.31 ΞOM (IC50)HCV polymerase:52.3 nM (Ki)δΩ'ε• ·ι θ—:θ η ½ι Aδ½ |ε'Y η η ©ε-ι• 'Aη 'H:HCV Protease

Note: This product is for in vitro research use only and is not intended for use in humans or animals.