**Product Datasheet**

# 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
Support: 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-• εΌ• :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• ·:MFCD23381633η1—ε΄Ι¦:99.29%ζΙΆθ§£ε΄Ι¦:DMSO:50 mg/mL (79.79 mM)δ½ ε ζ΄»ζ §:IDX184, a liver-targeted prodrug of the nucleotide 2β ²-MeG-MP, serves as a hepatitis C virus polymerase inhibitor with liver-specific targeting.[1]

IDX184 is not toxic (CC50>100ΞΌM) 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 ΞΌM) compared to any of the 2β or 4β modified nucleosides (EC50=4-6 ΞΌM) and is also highly inhibitory in the JFH-1 infectious system (EC50=0.06-0.11 ΞΌM).[2]ι• Άη ΄Ηζ΄»ζ §:HCV polymerase:0.31 ΞΌM (IC50)|HCV polymerase:52.3 nM (Ki)δΩ‘ε• ·ι θ·—:θ η ½ι Άδ½ |ε΄Υ η η ©ε-¦ι• Άη ΄Η:HCV Protease

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