

Lagociclovir

Catalog No: tcsc3705



Available Sizes

Size: 5mg

Size: 10mg



Specifications

CAS No:

92562-88-4

Formula:

$C_{10}H_{12}FN_5O_3$

Pathway:

Anti-infection

Target:

HBV

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

MIV-210

Observed Molecular Weight:

269.23

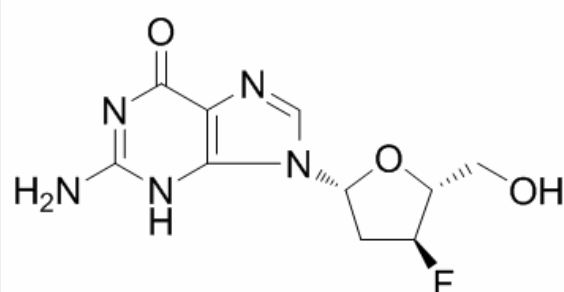
Product Description

Lagociclovir(MIV-210) is a prodrug of 3'-fluoro-2',3'-dideoxyguanosine with high oral bioavailability in humans and potent activity against HBV.

IC50 value:

Target: Anti-HBV compound

Oral administration of MIV-210 at 20 or 60 mg/kg of body weight/day induced a rapid virological response in chronically infected woodchucks, reducing serum WHV DNA levels by 4.75 log10 and 5.72 log10, respectively, in 2 weeks. Further, a daily dose of 10 mg/kg decreased the serum WHV load 400-fold after 4 weeks of treatment, and a dose of 5 mg/kg/day was sufficient to maintain this antiviral effect during the following 6-week period. MIV-210 at 20 or 60 mg/kg/day reduced the liver WHV DNA load 200- to 2,500-fold from pretreatment levels and, importantly, led to a 2.0 log10 drop in the hepatic content of WHV covalently closed circular DNA.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!