

Balapiravir

Catalog No: tcsc0369



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

690270-29-2

Formula:

$C_{21}H_{30}N_6O_8$

Pathway:

Anti-infection

Target:

HCV

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 100 mg/mL (202.22 mM)

Alternative Names:

Ro 4588161;R1626

Observed Molecular Weight:

494.5

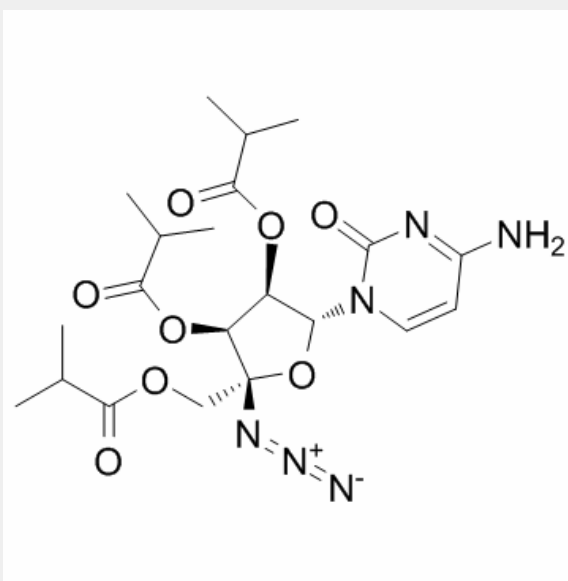
Product Description

Balafiravir (R1626, Ro 4588161) is the prodrug of a nucleoside analogue inhibitor of the hepatitis C virus (HCV) RNA-dependent RNA polymerase (R1479, RG1479).

IC50 Value:

Target: HCV

Balafiravir(R-1626; R 1626; Ro 4588161) is useful for Anti HCV. Balafiravir (R1626) is the tri-isobutyrate ester prodrug of R1479 under clinical development to improve exposure of R1479 upon oral administration. Balafiravir was discontinued for safety reasons in 28-36% of patients (most often for lymphopenia) and the percentage of patients with serious adverse events (especially hematological, infection, ocular events) was dose related. Serious hematological adverse events (particularly neutropenia, lymphopenia) were more common in balafiravir recipients. Two deaths in the balafiravir/peginterferon alfa-2a/ribavirin combination groups were considered possibly related to study medication.



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