

Catalog Number: CM04368

## 产品信息

**Catalog Number:**  
CM04368

**CAS号:**  
1132935-63-7

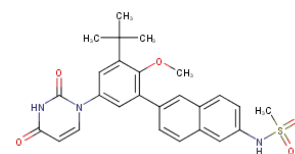
**分子式:**  
 $C_{26}H_{27}N_3O_5S$

**主要靶点:**  
HCV Protease

**主要通路:**  
蛋白酶体|微生物学

**分子量:**  
493.58

**溶解度:**  
DMSO:46 mg/mL



## 靶点活性

GnRH:0.33 nM

## 体外活性

ABT-333 (Dasabuvir) is at least 7,000-fold selective for the inhibition of HCV genotype 1 polymerases over human/mammalian polymerases. ABT-333 (Dasabuvir) inhibits the polymerase enzymatic activity of genotype 1 laboratory strain enzymes (H77, BK, N, and Con1 strains), as well as enzymes produced from polymerase genes from HCV genotype 1-infected subjects, with IC<sub>50</sub>s between 2.2 and 10.7 nM. ABT-333 inhibits replication of HCV subgenomic replicons in cell culture assays, with EC<sub>50</sub> values of 7.7 and 1.8 nM against genotype 1a (H77) and 1b (Con1), respectively. In the presence of 40% human plasma, there is a 12- to 13-fold decrease in inhibitory potency, yielding EC<sub>50</sub>s of 99 and 21 nM for HCV genotype 1a (H77) and 1b (Con1) replicons, respectively[1].

## 描述

Dasabuvir is a non-nucleoside inhibitor of the hepatitis C virus (HCV) non-structural protein 5B (NS5B), an RNA-dependent RNA polymerase, with potential activity against HCV. Upon administration and after intracellular uptake, dasabuvir binds HCV NS5B polymerase and blocks viral RNA synthesis and replication. The HCV NS5B protein is essential for the replication of the HCV RNA genome.

## 储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years