Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

ACH-806

Catalog No: tcsc0015611

Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Specifications

CAS No:
870142-71-5

Formula:
$C_{19}H_{20}F_3N_3O_2S$

Pathway:
Metabolic Enzyme/Protease;Anti-infection

Target:
HCV Protease;HCV

Purity / Grade:
>98%

Solubility:
10 mM in DMSO

Alternative Names:
GS9132

Observed Molecular Weight:
411.44

Product Description

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ACH-806 is an **NS4A** antagonist which can inhibit Hepatitis C Virus (**HCV**) replication with an **EC_{50}** of 14 nM.

IC50 & Target: NS4A[1]

EC50: 14 nM (HCV)[1]

In Vitro: ACH-806 is an NS4A antagonist which can inhibit Hepatitis C Virus (HCV) replication with an EC_{50} of 14 nM. ACH-806 treatment results in significant reductions of both NS3 and NS4A in the transfected cells. This finding is reminiscent of ACH-806-treated replicon cells in which the amounts of NS3 and NS4A are also both decreased. The total amount of NS3 in the ACH-806-treated sample is reduced by ~6-fold (100/16) and causes a reduction of NS4A-bound NS3 ~29-fold (261/9). The levels of labeled NS3 and NS4A immunoprecipitated by anti-NS3 antibody are apparently reduced after the treatment of ACH-806. ACH-806 also induces significant decreases of NS3 and NS4A and promotes p14 formation in the parental replicon cells but not in the ACH-806-resistant replicon cells[1].