Asunaprevir

HCV NS3 protease inhibitor/CRISPR enhancer

Asunaprevir is a potent hepatitis C virus NS3 protease inhibitor. Asunaprevir was used as part of a repressible Cas9 system (small molecule-assisted shut off - SMASh) capable of degrading newly synthesized Cas9 protein rapidly to precisely control gene editing. The Asunapreivr/SMASh system has also been using to target endogenous PD-1 protein for proteasomal degradation.

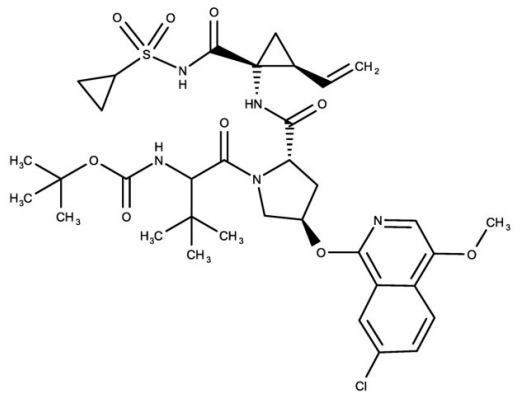
Ordering Information

Order Online »

ENZ-CHM460-0025	25mg

Manuals, SDS & CofA

View Online »



Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	tert-Butyl N-[(2S)-1-[(2S,4R)-4-(7-chloro-4-methoxyisoquinolin-1-yl)oxy-2-[[(1R,2S)-1-(cyclopropylsulfonylcarbamoyl)-2-ethenylcyclopropyl]carbamoyl]pyrrolidine-1-yl]-3,3-dimethyl-1-oxobutan-2-yl]carbamate
Appearance	White solid.
CAS	630420-16-5
Couple Type	Inhibitor
Formula	$C_{35}H_{46}ClN_5O_9S$
Identity	Determined by NMR.
MW	748.29
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (>50 mg/ml).

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