



LKT Laboratories, Inc.

Asunaprevir

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Product Information

Product ID A745817

CAS No. 630420-16-5

Chemical Name tert-butyl N-[(2S)-1-[(2S,4R)-4-(7-chloro-4-methoxyisoquinolin-1-yl)oxy-2-[[[(1R,2S)-1-(cyclopropylsulfonylcarbamoyl)-2-ethenylcyclopropyl]carbamoyl]pyrrolidin-1-yl]-3,3-dimethyl-1-oxobutan-2-yl]carbamate

Synonym BMS-650032

Formula C₃₅H₄₆ClN₅O₉S

Formula Wt. 747.29

Melting Point

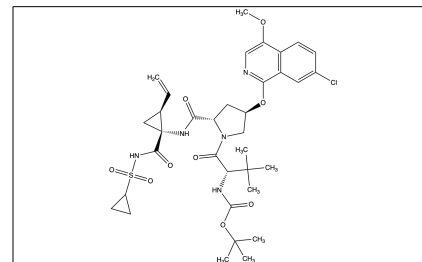
Purity ≥98%

Solubility

Store Temp -20°C

Ship Temp Ambient

Description Asunaprevir is an antiviral bioactive small molecule. It has been found to inhibit cytopathic effects in Vero E6 cells, decrease virion release from infected cells, and inhibit propagation in lung Clu-3 cells, after infection with SARS-CoV-2. Asunaprevir is a second-generation NS3 protease inhibitor affective against HCV genotypes 1 and 4.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A745817	1 mg	\$117.40
A745817	5 mg	\$339.90
A745817	25 mg	\$1081.60

References Lim Y, Ngyuen L, Lee G, et al. Asunaprevir, a potent hepatitis C virus protease inhibitor, blocks SARS-CoV-2 propagation. Mol Cells. 2021 Sep 30;44(9):688-695. PMID: 34518443.

Akamatsu N, Sugawara Y, Kokudo N. Asunaprevir (BMS-650032) for the treatment of hepatitis C virus. Expert Rev Anti Infect Ther. 2015;13(11):1307-1317. PMID: 26414905.

Gentile I, Zappulo E, Buonomo A, et al. Asunaprevir for hepatitis C: a safety evaluation. Expert Opin Drug Saf. 2015 Oct;14(10):1631-1646. PMID: 26329454.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.