



LKT Laboratories, Inc.

VX-950

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## Product Information

Product ID V9200

CAS No. 402957-28-2

### Chemical Name

Synonym Telaprevir

Formula  $C_{36}H_{53}N_7O_6$

Formula Wt. 679.85

Melting Point 236.7°C

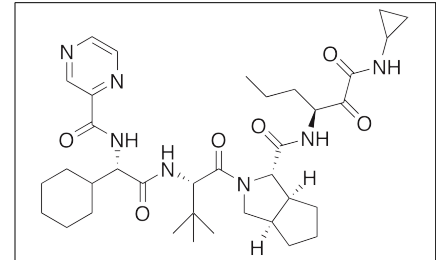
Purity ≥98%

Solubility DMSO 136 mg/mL (200.04 mM)  
Water Insoluble  
Ethanol Insoluble

Store Temp Ambient

Ship Temp Ambient

**Description** VX-950 is an antiviral, inhibiting the NS3/4A serine protease. VX-950 rapidly decreases viral load by several orders of magnitude, shown in vitro, in vivo, and in clinical trials. This compound is used as a treatment for hepatitis C genotype 1, resulting in a higher rate of sustained virologic response than traditional therapies such as pegylated interferon plus ribavirin.



**Bulk quantities available upon request**

Product ID	Size
V9200	1 mg
V9200	5 mg
V9200	25 mg
V9200	100 mg

**References** Matthews SJ, Lancaster JW. Telaprevir: a hepatitis C NS3/4A protease inhibitor. Clin Ther. 2012 Sep;34(9):1857-82. PMID: 22951253.

McHutchison JG, Manns MP, Muir AJ, et al. Telaprevir for previously treated chronic HCV infection. N Engl J Med. 2012;362(14):1292-303. doi:10.1056/NEJMoa0908014. PMID 20375406

Gentile I, Viola C, Borgia F, et al. Telaprevir: a promising protease inhibitor for the treatment of hepatitis C virus infection. Curr Med Chem. 2009;16(9):1115-21. PMID: 19275615.

Lin C, Kwong AD, Perni RB. Discovery and development of VX-950, a novel, covalent, and reversible inhibitor of hepatitis C virus NS3.4A serine protease. Infect Disord Drug Targets. 2006 Mar;6(1):3-16. PMID: 16787300.

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