



Product Information

HCV protease inhibitor VX-950, Purity $\geq 98\%$

Cat. No.: X24-06-ZQ907

Size: 2 mg; 5 mg; 10 mg; 25 mg

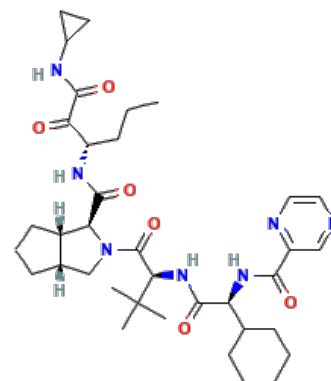
MDL: MFCD11616089

CAS Number: 402957-28-2

Compound CID: 3010818

Synonym: 402957-28-2; HCV protease inhibitor; VX950; Incivek; Incivo

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	VX-950, soluble in DMSO and insoluble in ethanol and water, targets and inhibits the function of the hepatitis C virus protease enzyme. It targets HCV NS3-4A serine protease.
Molecular Weight	679.9
Molecular Formula	C ₃₆ H ₅₃ N ₇ O ₆
Targets	HCV NS3-4A serine protease: 0.35 μ M
IUPAC Name	(3S,3aS,6aR)-2-[(2S)-2-[(2S)-2-cyclohexyl-2-(pyrazine-2-carboxylamino)acetyl]amino]-3,3-dimethylbutanoyl]-N-[(3S)-1-(cyclopropylamino)-1,2-dioxohexan-3-yl]-3,3a,4,5,6,6a-hexahydro-1H-cyclopenta[c]pyrrole-3-carboxamide
InChI	InChI=1S/C36H53N7O6/c1-5-10-25(29(44)34(48)39-23-15-16-23)40-33(47)28-24-14-9-13-22(24)20-43(28)35(49)30(36(2,3)4)42-32(46)27(21-11-7-6-8-12-21)41-31(45)26-19-37-17-18-38-26/h17-19,21-25,27-28,30H,5-16,20H2,1-4H3,(H,39,48)(H,40,47)(H,41,45)(H,42,46)/t22-,24-,25-,27-,28-,30+/m0/s1
InChI Key	BBAWEDCPNXPBQM-GDEBMMAJSA-N
Canonical SMILES	CCCC(C(=O)C(=O)NC1CC1)NC(=O)C2C3CCCC3CN2C(=O)C(C(C)(C)C)NC(=O)C(C4CCCCC4)NC(=O)C5=NC=CN=C5
Isomeric SMILES	CCC[C@@H](C(=O)C(=O)NC1CC1)NC(=O)[C@@H]2[C@H]3CCC[C@H]3CN2C(=O)[C@H](C(C)(C)C)NC(=O)[C@H](C4CCCCC4)NC(=O)C5=NC=CN=C5
Form	Lyophilized powder
Purity	$\geq 98\%$



Solubility	DMSO: 131 mg/mL (192.69 mM); Water: Insoluble; Ethanol: Insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	VX-950 targets HCV NS3/4A protease, aiding research in Hepatitis C treatment.
Storage	Store at -20°C, and keep desiccated.
