



Product Information

HCV protease inhibitor BMS-790052 2HCl, Purity ≥98%

Cat. No.: X24-06-ZQ923

Size: 5 mg; 10 mg; 50 mg

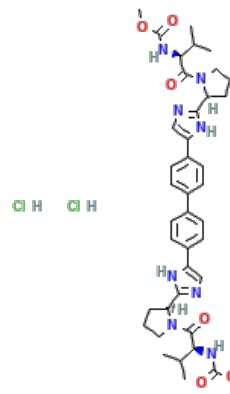
MDL: MFCD25541736

CAS Number: 1009119-65-6

Compound CID: 25154713

Synonym: 1009119-65-6; HCV protease inhibitor; BMS790052

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



Product Information

Description	BMS-790052 2HCl targets and inhibits the function of the hepatitis C virus protease enzyme.
Molecular Weight	811.8
Molecular Formula	C ₄₀ H ₅₂ Cl ₂ N ₈ O ₆
IUPAC Name	Methyl N-[(2S)-1-[(2S)-2-[5-[4-[4-[2-[(2S)-1-[(2S)-)2-(methoxycarbonylamino)-3-methylbutanoyl]pyrrolidin-2-yl]-1H-imidazol-5-yl]phenyl]phenyl]-1H -imidazol-2-yl]pyrrolidin-1-yl]-3-methyl-1-oxobutan-2-yl]carbamate;dihydrochloride
InChI	InChI=1S/C40H50N8O6.2ClH/c1-23(2)33(45-39(51)53-5)37(49)47-19-7-9-31(47)35-41-21-29(43-35) 27-15-11-25(12-16-27)26-13-17-28(18-14-26)30-22-42-36(44-30)32-10-8-20-48(32)38(50)34(24(3)4)46-40(52)54-6;;/h11-18,21-24,31-34H,7-10,19-20H2,1-6H3,(H,41,43)(H,42,44)(H,45,51)(H,46,52);2 *1H/t31-,32-,33-,34-;;/m0../s1
InChI Key	BVZLLUDATICXCI-JMSCDMLISA-N
Canonical SMILES	CC(C)C(C(=O)N1CCCC1C2=NC=C(N2)C3=CC=C(C=C3)C4=CC=C(C=C4)C5=CN=C(N5)C6CCCN 6C(=O)C(C(C)C)NC(=O)OC)NC(=O)OC.Cl.Cl
Isomeric SMILES	CC(C)[C@@H](C(=O)N1CCC[C@H]1C2=NC=C(N2)C3=CC=C(C=C3)C4=CC=C(C=C4)C5=CN=C(N5) [C@@H]6CCCN6C(=O)[C@H](C(C)C)NC(=O)OC)NC(=O)OC.Cl.Cl
Form	Lyophilized powder
Purity	≥98%
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	BMS-790052 2HCl targets HCV NS5A protein, critical in viral replication, used in Hepatitis C research.
Storage	Store at -20°C, and keep desiccated.
