



Product Information

HCV protease inhibitor ANA-598, Purity ≥98%

Cat. No.: X24-06-ZQ970

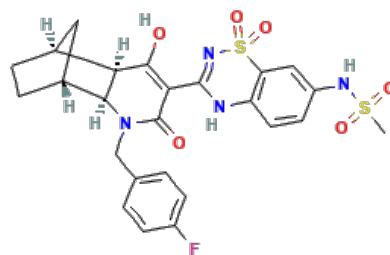
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 1071517-39-9

Compound CID: 135565932

Synonym: 1071517-39-9; HCV protease inhibitor; ANA598; ANA 598

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



Product Information

Description	ANA-598 targets and inhibits the function of the hepatitis C virus protease enzyme.
Molecular Weight	560.62
Molecular Formula	C ₂₅ H ₂₅ FN ₄ O ₆ S ₂
IUPAC Name	<i>N</i> -[3-[(1 <i>R</i> ,2 <i>S</i> ,7 <i>R</i> ,8 <i>S</i>)-3-[(4-fluorophenyl)methyl]-6-hydroxy-4-oxo-3-azatricyclo[6.2.1.0 ^{2,7}]undec-5-en-5-yl]-1,1-dioxo-4 <i>H</i> -1λ6,2,4-benzothiadiazin-7-yl]methanesulfonamide
InChI	InChI=1S/C25H25FN4O6S2/c1-37(33,34)28-17-8-9-18-19(11-17)38(35,36)29-24(27-18)21-23(31)20-14-4-5-15(10-14)22(20)30(25(21)32)12-13-2-6-16(26)7-3-13/h2-3,6-9,11,14-15,20,22,28,31H,4-5,10,12H2,1H3,(H,27,29)/t14-,15+,20+,22-/m0/s1
InChI Key	DEKOYVOWOVJMPM-RLHIPHHXSA-N
Canonical SMILES	CS(=O)(=O)NC1=CC2=C(C=C1)NC(=NS2(=O)=O)C3=C(C4C5CCC(C5)C4N(C3=O)CC6=CC=C(C=C6)F)O
Isomeric SMILES	CS(=O)(=O)NC1=CC2=C(C=C1)NC(=NS2(=O)=O)C3=C([C@@H]4[C@H]5CC[C@H](C5)[C@@H]4N(C3=O)CC6=CC=C(C=C6)F)O
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

ANA-598 targets NS5B polymerase in HCV, used in antiviral research to suppress viral RNA synthesis.

Storage

Store at -20°C, and keep desiccated.
