



## Product Information

### HCV protease inhibitor Anguizole, Purity ≥98%

**Cat. No.:** X24-06-ZQ919

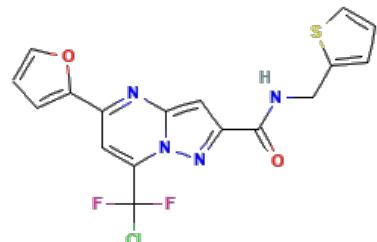
**Size:** 5 mg; 10 mg; 25 mg; 50 mg

**CAS Number:** 442666-98-0

**Compound CID:** 1046082

**Synonym:** 442666-98-0; HCV protease inhibitor

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



### Product Information

<b>Description</b>	Anguizole targets and inhibits the function of the hepatitis C virus protease enzyme.
<b>Molecular Weight</b>	408.8
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>11</sub> ClF <sub>2</sub> N <sub>4</sub> O <sub>2</sub> S
<b>IUPAC Name</b>	7-[Chloro(difluoro)methyl]-5-(furan-2-yl)-N-(thiophen-2-ylmethyl)pyrazolo[1,5-a]pyrimidine-2-carboxamide
<b>InChI</b>	InChI=1S/C17H11ClF2N4O2S/c18-17(19,20)14-7-11(13-4-1-5-26-13)22-15-8-12(23-24(14)15)16(25)21-9-10-3-2-6-27-10/h1-8H,9H2,(H,21,25)
<b>InChI Key</b>	GBNREAYNZPJROB-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1=CO=C1C2=NC3=CC(=NN3C(=C2)C(F)(F)Cl)C(=O)NCC4=CC=CS4
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Quality Level</b>	Research grade
<b>Applications</b>	Anguizole targets Hepatitis C virus, particularly the NS3 protease, essential for viral replication.
<b>Storage</b>	Store at -20°C, and keep desiccated.