

## Product Information

### Serine protease inhibitor BCX 1470 methanesulfonate, Purity $\geq 98\%$

**Cat. No.:** X24-07-ZQ714

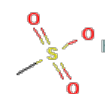
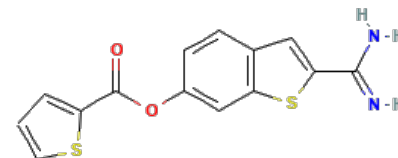
**Size:** 2 mg; 5 mg; 10 mg; 25 mg

**CAS Number:** 217099-44-0

**Compound CID:** 9822204

**Synonym:** 217099-44-0; Serine protease inhibitor; BCX 1470; BCX-1470

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



#### Product Information

<b>Description</b>	BCX 1470 methanesulfonate is a molecule that plays a crucial role in regulating various physiological processes by inhibiting the activity of serine proteases.
<b>Molecular Weight</b>	398.5
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub> S <sub>3</sub>
<b>IUPAC Name</b>	(2-Carbamimidoyl-1-benzothiophen-6-yl) thiophene-2-carboxylate;methanesulfonic acid
<b>InChI</b>	InChI=1S/C14H10N2O2S2.CH4O3S/c15-13(16)12-6-8-3-4-9(7-11(8)20-12)18-14(17)10-2-1-5-19-10;1-5(2,3)4/h1-7H,(H3,15,16);1H3,(H,2,3,4)
<b>InChI Key</b>	MCPAUXMAIOICMC-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CS(=O)(=O)O.C1=CSC(=C1)C(=O)OC2=CC3=C(C=C2)C=C(S3)C(=N)N
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<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>	BCX 1470 methanesulfonate is investigated for its role in inhibiting serine proteases, enzymes associated with blood clotting and inflammation.
<b>Storage</b>	Store at -20°C, and keep desiccated.