

## Product Information

### Serine protease inhibitor Sivelestat sodium salt, Purity ≥98%

**Cat. No.:** X24-07-ZQ775

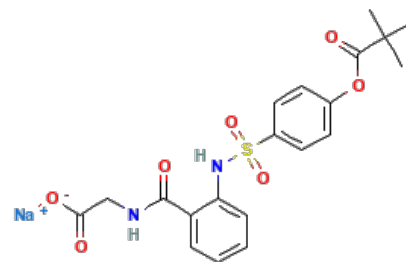
**Size:** 10 mg; 25 mg; 50 mg; 100 mg

**CAS Number:** 150374-95-1

**Compound CID:** 23664980

**Synonym:** 150374-95-1; Serine protease inhibitor; ONO-5046

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



#### Product Information

<b>Description</b>	Sivelestat sodium salt is a molecule that plays a crucial role in regulating various physiological processes by inhibiting the activity of serine proteases.
<b>Molecular Weight</b>	456.44
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>21</sub> N <sub>2</sub> NaO <sub>7</sub> S
<b>IUPAC Name</b>	Sodium;2-[[2-[[4-(2,2-dimethylpropanoyloxy)phenyl]sulfonylamino]benzoyl]amino]acetate
<b>InChI</b>	InChI=1S/C20H22N2O7S.Na/c1-20(2,3)19(26)29-13-8-10-14(11-9-13)30(27,28)22-16-7-5-4-6-15(16)18(25)21-12-17(23)24;/h4-11,22H,12H2,1-3H3,(H,21,25)(H,23,24);/q;+1/p-1
<b>InChI Key</b>	ZAIFANJZUGNYCK-UHFFFAOYSA-M
<b>Canonical SMILES</b>	CC(C)(C)C(=O)OC1=CC=C(C=C1)S(=O)(=O)NC2=CC=CC=C2C(=O)NCC(=O)[O-].[Na+]
<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>	Sivelestat sodium salt is utilized to study its inhibitory effects on serine proteases, which are vital in immune response and inflammation.
<b>Storage</b>	Store at -20°C, and keep desiccated.