

## Product Information

### STO-609 acetate

**Cat. No.:** X23-12-YM275

**Size:** 1 mg; 2 mg; 5 mg; 10 mg

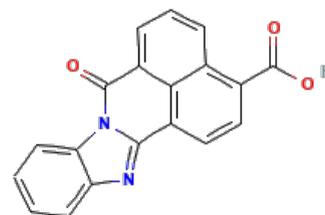
**CAS Number:** 1173022-21-3

**PubChem CID:** 16760660

**Synonym:** 1173022-21-3; 7-oxo-7H-benzimidazo[2,

1-a]benz[de]isoquinoline-3-carboxylic acid acetate

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



### Product Information

<b>Description</b>	STO-609 acetate interferes with or suppresses the transmission of signals between neurons in the nervous system.
<b>Molecular Weight</b>	374.35
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub> ·C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>
<b>IUPAC Name</b>	Acetic acid;11-oxo-3, 10-diazapentacyclo[10.7.1.0 <sup>2,2</sup> .10.0 <sup>4,9</sup> .16,20]icosa-1(20), 2, 4, 6, 8, 12, 14, 16, 18-nonaene-17-carboxylic acid
<b>InChI</b>	InChI=1S/C19H10N2O3.C2H4O2/c22-18-13-5-3-4-10-11(19(23)24)8-9-12(16(10)13)17-20-14-6-1-2-7-15(14)21(17)18;1-2(3)4/h1-9H, (H, 23, 24);1H3, (H, 3, 4)
<b>InChI Key</b>	WNRSTFUVBWNLX-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC(=O)O.C1=CC=C2C(=C1)N=C3N2C(=O)C4=CC=CC5=C(C=CC3=C54)C(=O)O
<b>Form</b>	Lyophilized powder
<b>Purity</b>	>98%
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	STO-609 acetate can be studied extensively in cellular energy sensing and metabolic regulation.
<b>Storage</b>	Store at -20°C, and keep desiccated.