

## Product Information

### Sinapine

**Cat. No.:** X23-04-XQ250

**Size:** 20 mg; 50 mg; 100 mg; 200 mg

**CAS Number:** 18696-26-9

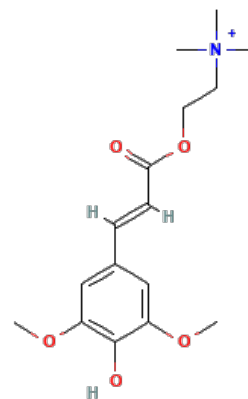
**Compound CID:** 5280385

**Synonym:** 18696-26-9; Sinapine; Sinapoylcholine; O-Sinapoylcholine; Sinapin;

Sinapine cation; Trans-sinapine; Sinapine ion; Sinapine;

4-Hydroxy-3,5-dimethoxycinnamate choline

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



### Product Information

<b>Description</b>	Sinapine is an alkaloid with antioxidant, antitumor, and radio-protective activities.
<b>Molecular Weight</b>	310.36
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>24</sub> NO <sub>5</sub> <sup>+</sup>
<b>IUPAC Name</b>	2-[(E)-3-(4-Hydroxy-3,5-dimethoxyphenyl)prop-2-enoyl]oxyethyl-trimethylazanium
<b>InChI</b>	InChI=1S/C16H23NO5/c1-17(2,3)8-9-22-15(18)7-6-12-10-13(20-4)16(19)14(11-12)21-5/h6-7,10-11 H,8-9H2,1-5H3/p+1
<b>InChI Key</b>	HUJXHFRXWWGYQH-UHFFFAOYSA-O
<b>Canonical SMILES</b>	C[N+](C)(C)CCOC(=O)C=CC1=CC(=C(C(=C1)OC)O)OC
<b>Isomeric SMILES</b>	C[N+](C)(C)CCOC(=O)/C=C/C1=CC(=C(C(=C1)OC)O)OC
<b>Form</b>	Powder
<b>Purity</b>	>98%, determined by HPLC.
<b>Identity</b>	Confirmed by NMR and MS.
<b>Stability</b>	The product is stable for two years when stored at the recommended temperature.
<b>Applications</b>	Sinapine can be used for antioxidant, antitumor, and radio-protective activity experiments, <i>etc.</i>
<b>Storage</b>	Store at 4°C. Protect from light.

### Safety Information

<b>Personal Protective Equipment</b>	Gloves, eyeshields, N95 mask
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