

## Product Information

### Cynaropicrin

**Cat. No.:** X23-04-XQ488

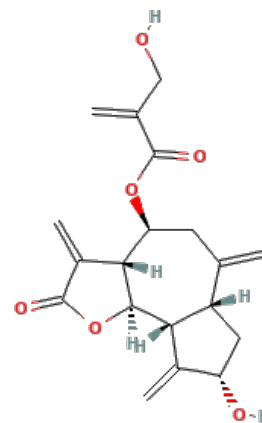
**Size:** 20 mg; 50 mg; 100 mg; 200 mg

**CAS Number:** 35730-78-0

**Compound CID:** 119093

**Synonym:** 35730-78-0; Cynaropicrin; Cynaropikrin; Cynaropicrin-Cynara cardunculus (artichoke)

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



#### Product Information

<b>Description</b>	Cynaropicrin is a sesquiterpene lactone that has diverse biological activities.
<b>Molecular Weight</b>	346.379
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>22</sub> O <sub>6</sub>
<b>IUPAC Name</b>	[(3aR,4S,6aR,8S,9aR,9bR)-8-Hydroxy-3,6,9-trimethylidene-2-oxo-3a,4,5,6a,7,8,9a,9b-octahydroazuleno[4,5-b]furan-4-yl] 2-(hydroxymethyl)prop-2-enoate
<b>InChI</b>	InChI=1S/C19H22O6/c1-8-5-14(24-18(22)9(2)7-20)16-11(4)19(23)25-17(16)15-10(3)13(21)6-12(8)15/h12-17,20-21H,1-7H2/t12-,13-,14-,15-,16+,17+/m0/s1
<b>InChI Key</b>	KHSCYOFDKADJDJ-NQLMQOPMSA-N
<b>Canonical SMILES</b>	C=C1CC(C2C(C3C1CC(C3=C)O)OC(=O)C2=C)OC(=O)C(=C)CO
<b>Isomeric SMILES</b>	C=C1C[C@@H]([C@@H]2[C@@H]([C@@H]3[C@H]1C[C@@H](C3=C)O)OC(=O)C2=C)OC(=O)C(=C)CO
<b>Form</b>	Powder
<b>Purity</b>	>95%, 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>	Cynaropicrin can be used for content determination, identification, and pharmacological experiments, <i>etc.</i>
<b>Storage</b>	Store at 4°C. Protect from light.



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## Safety Information

**Personal Protective Equipment**      Gloves, eyeshields, N95 mask

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