

## Product Information

### Aristolone

**Cat. No.:** X22-05-ZQ363

**Size:** 5 mg; 20 mg; 50 mg; 100 mg

**MDL:** MFCD22479204

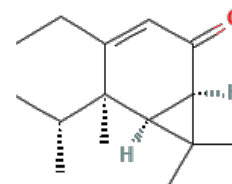
**CAS Number:** 6831-17-0

**Compound CID:** 165536

**Synonym:** 6831-17-0; Aristolone; Aristofone;

(1*aR*,7*R*,7*aR*,7*bS*)-1,1,7,7*a*-Tetramethyl-1*a*,4,5,6,7,7*b*-

hexahydrocyclopropa[*a*]naphthalen-2-one



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

### Product Information

<b>Description</b>	Aristolone is a sesquiterpene isolated from <i>Aristolochia debilis</i> that is likely to induce an antalgic activity. This product can be used for research in the fields of medicine and pharmacy.
<b>Molecular Weight</b>	218.3
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>22</sub> O
<b>IUPAC Name</b>	(1 <i>aR</i> ,7 <i>R</i> ,7 <i>aR</i> ,7 <i>bS</i> )-1,1,7,7 <i>a</i> -Tetramethyl-1 <i>a</i> ,4,5,6,7,7 <i>b</i> -hexahydrocyclopropa[ <i>a</i> ]naphthalen-2-one
<b>InChI</b>	InChI=1S/C15H22O/c1-9-6-5-7-10-8-11(16)12-13(14(12,2)3)15(9,10)4/h8-9,12-13H,5-7H2,1-4H3/t9-,12-,13+,15+/m1/s1
<b>InChI Key</b>	UGVIZCBJCSXBCJ-JWFUOXDNSA-N
<b>Canonical SMILES</b>	CC1CCCC2=CC(=O)C3C(C12C)C3(C)C
<b>Isomeric SMILES</b>	C[C@@H]1CCCC2=CC(=O)[C@@H]3[C@H]([C@@]12C)C3(C)C
<b>Source</b>	<i>Aristolochia debilis</i>
<b>Part Used</b>	Herbs
<b>Form</b>	Powder
<b>Purity</b>	≥98%, determined by HPLC.
<b>Identity</b>	Confirmed by MS and NMR.
<b>Stability</b>	The product is stable for two years when stored at the recommended temperature.
<b>Applications</b>	Aristolone can be used for research in the fields of medicine and pharmacy.
<b>Storage</b>	Store at 4°C. Protect from light.



## Safety Information

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

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