

## Product Information

### Garcinone D

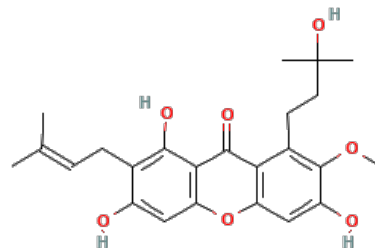
**Cat. No.:** X22-05-ZQ332

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

**CAS Number:** 107390-08-9

**Compound CID:** 5495926

**Synonym:** 107390-08-9; Garcinone d; 1,3,6-Trihydroxy-8-(3-Hydroxy-3-methylbutyl)-7-methoxy-2-(3-methylbut-2-enyl)xanthen-9-one



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

#### Product Information

<b>Description</b>	Garcinone D, a natural xanthone from mangosteen, promotes the proliferation of the C17.2 neural stem cell. This product can be used for research in the fields of medicine and pharmacy.
<b>Molecular Weight</b>	428.481
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>28</sub> O <sub>7</sub>
<b>IUPAC Name</b>	1,3,6-Trihydroxy-8-(3-Hydroxy-3-methylbutyl)-7-methoxy-2-(3-methylbut-2-enyl)xanthen-9-one
<b>InChI</b>	InChI=1S/C24H28O7/c1-12(2)6-7-13-15(25)10-18-20(21(13)27)22(28)19-14(8-9-24(3,4)29)23(30-5)16(26)11-17(19)31-18/h6,10-11,25-27,29H,7-9H2,1-5H3
<b>InChI Key</b>	TYALNCRUIKOKGP-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC(=CCC1=C(C2=C(C=C1O)OC3=C(C2=O)C(=C(C(=C3)O)OC)CCC(C)(C)O)O)C
<b>Source</b>	<i>Mangosteen</i>
<b>Form</b>	Powder
<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>	Garcinone D 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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