

Product Information

Macrocarpal A

Cat. No.: X22-05-ZQ679

Size: 5 mg; 10 mg; 20 mg

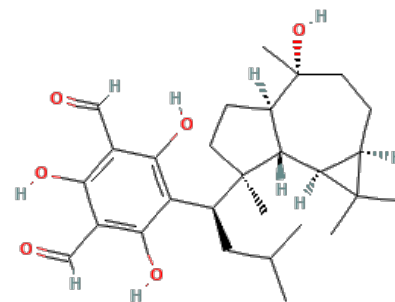
CAS Number: 132951-90-7

Compound CID: 454457

Synonym: 132951-90-7; Macrocarpal A;

5-[(1*R*)-1-[(1*aR*,4*R*,4*aR*,7*S*,7*aS*,7*bR*

)-4-Hydroxy-1,1,4,7-tetramethyl-1*a*,2,3,4*a*,5,6,7*a*,7*b*-octahydrocyclopropa[h]azulen-7-yl]-3-methylbutyl]-2,4,6-trihydroxybenzene-1,3-dicarbaldehyde



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

Product Information

Description	Macrocarpal A is isolated from the branches of <i>Eucalyptus globulus</i> . This product can be used for content determination, identification, and pharmacological experiments, etc.
Molecular Weight	472.61
Molecular Formula	C ₂₈ H ₄₀ O ₆
IUPAC Name	5-[(1 <i>R</i>)-1-[(1 <i>aR</i> ,4 <i>R</i> ,4 <i>aR</i> ,7 <i>S</i> ,7 <i>aS</i> ,7 <i>bR</i>)-4-Hydroxy-1,1,4,7-tetramethyl-1 <i>a</i> ,2,3,4 <i>a</i> ,5,6,7 <i>a</i> ,7 <i>b</i> -octahydrocyclopropa[h]azulen-7-yl]-3-methylbutyl]-2,4,6-trihydroxybenzene-1,3-dicarbaldehyde
InChI	InChI=1S/C28H40O6/c1-14(2)11-19(20-24(32)15(12-29)23(31)16(13-30)25(20)33)27(5)9-7-18-22(27)21-17(26(21,3)4)8-10-28(18,6)34/h12-14,17-19,21-22,31-34H,7-11H2,1-6H3/t17-,18-,19+,21-,22-,27-,28-/m1/s1
InChI Key	IBLPTYJTKWQCDX-MOTAWSDJSA-N
Canonical SMILES	CC(C)CC(C1=C(C(=C(C(=C1O)C=O)O)C=O)O)C2(CCC3C2C4C(C4(C)C)CCC3(C)O)C
Isomeric SMILES	CC(C)C[C@@H](C1=C(C(=C(C(=C1O)C=O)O)C=O)O)[C@]2(CC[C@@H]3[C@@H]2[C@H]4[C@H](C4(C)C)CC[C@@]3(C)O)C
Source	<i>Eucalyptus globulus</i>
Part Used	Branches
Form	Powder
Purity	≥95%, determined by HPLC.
Identity	Confirmed by MS and NMR.
Stability	The product is stable for two years when stored at the recommended temperature.



Applications Macrocarpal A can be used for content determination, identification, and pharmacological experiments, *etc.*

Storage Store at 4°C. Protect from light.

Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask
