

## Product Information

### Clovin

**Cat. No.:** X22-05-ZQ489

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

**CAS Number:** 81970-00-5

**Compound CID:** 5488716

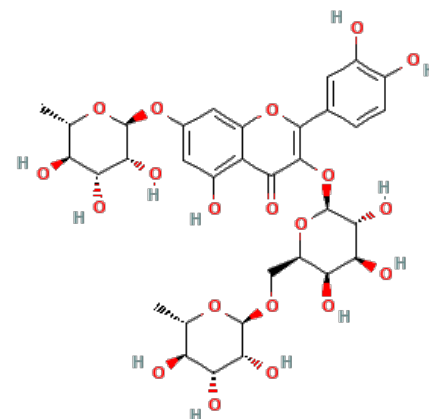
**Synonym:** 81970-00-5; Clovin;

2-(3,4-Dihydroxyphenyl)-5-Hydroxy-7-[(2S,3R,4R,5R,6S

)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxy-

3-[(2S,3R,4S,5R,6R)-3,4,5-trihydroxy-6-[(2S,3R,4R,5R,6S

)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxymethyl]oxan-2-yl]oxychromen-4-one



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

### Product Information

<b>Description</b>	Clovin is a penicillin-type of antibiotic that helps fight infections caused by bacteria. It has been investigated for the treatment of infections of the lungs (e.g., pneumonia), ear, nasal sinus, urinary tract, skin, and soft tissue. This product can be used for content determination, identification, and pharmacological experiments, <i>etc.</i>
<b>IUPAC Name</b>	2-(3,4-Dihydroxyphenyl)-5-Hydroxy-7-[(2S,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxy-3-[(2S,3R,4S,5R,6R)-3,4,5-trihydroxy-6-[(2S,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxymethyl]oxan-2-yl]oxychromen-4-one
<b>InChI</b>	InChI=1S/C33H40O20/c1-9-19(37)23(41)26(44)31(48-9)47-8-17-21(39)25(43)28(46)33(52-17)53-30-22(40)18-15(36)6-12(50-32-27(45)24(42)20(38)10(2)49-32)7-16(18)51-29(30)11-3-4-13(34)14(35)5-11/h3-7,9-10,17,19-21,23-28,31-39,41-46H,8H2,1-2H3/t9-,10-,17+,19-,20-,21-,23+,24+,25-,26+,27+,28+,31+,32-,33-/m0/s1
<b>InChI Key</b>	BFCXCFJUDBNEMU-QPIZCGMOSA-N
<b>Canonical SMILES</b>	CC1C(C(C(C(O1)OCC2C(C(C(C(O2)OC3=C(OC4=CC(=CC(=C4C3=O)O)OC5C(C(C(C(O5)C)O)O)O)C6=CC(=C(C=C6)O)O)O)O)O)O)O
<b>Isomeric SMILES</b>	C[C@@H]1[C@@H]([C@H]([C@H]([C@@H](O1)OC[C@@H]2[C@@H]([C@@H]([C@H]([C@@H](O2)OC3=C(OC4=CC(=CC(=C4C3=O)O)O[C@H]5[C@@H]([C@@H]([C@H]([C@@H](O5)C)O)O)O)C6=CC(=C(C=C6)O)O)O)O)O)O)O
<b>Form</b>	Powder
<b>Purity</b>	≥98%, determined by HPLC.



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<b>Stability</b>	The product is stable for two years when stored at the recommended temperature.
<b>Applications</b>	Clovin 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

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