

## Product Information

### Pilosidine

**Cat. No.:** X22-05-ZQ623

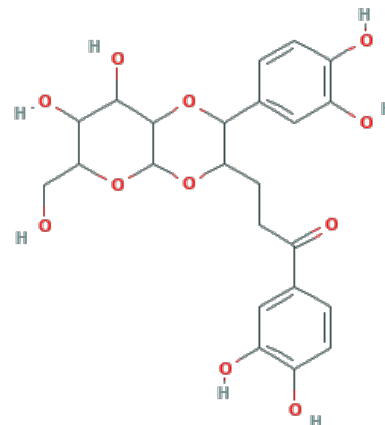
**Size:** 5 mg; 10 mg; 20 mg

**CAS Number:** 229971-57-7

**Compound CID:** 73880721

**Synonym:** 229971-57-7; Pilosidine; 1-(3,4-Dihydroxyphenyl)-3-[2-(3,4-dihydroxyphenyl)-7,8-dihydroxy-6-(hydroxymethyl)-3,4a,6,7,8,8a-hexahydro-2H-pyrano[2,3-b][1,4]dioxin-3-yl]propan-1-one

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



### Product Information

<b>Description</b>	Pilosidine is isolated from the herbs of <i>Curculigo capitulata</i> . Pilosidine has vasoconstrictor activity, it showed facilitating effect on adrenaline evoked contractions in rabbit aorta isolated preparations. This product can be used for research in the fields of medicine and pharmacy.
<b>Molecular Weight</b>	478.5
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>26</sub> O <sub>11</sub>
<b>IUPAC Name</b>	1-(3,4-Dihydroxyphenyl)-3-[2-(3,4-dihydroxyphenyl)-7,8-dihydroxy-6-(hydroxymethyl)-3,4a,6,7,8,8a-hexahydro-2H-pyrano[2,3-b][1,4]dioxin-3-yl]propan-1-one
<b>InChI</b>	InChI=1S/C23H26O11/c24-9-18-19(30)20(31)22-23(33-18)32-17(21(34-22)11-2-4-14(27)16(29)8-11)6-5-12(25)10-1-3-13(26)15(28)7-10/h1-4,7-8,17-24,26-31H,5-6,9H2
<b>InChI Key</b>	XBAOUURGPFYBL-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1=CC(=C(C=C1C2C(OC3C(O2)C(C(C(O3)CO)O)O)CCC(=O)C4=CC(=C(C=C4)O)O)O)O
<b>Source</b>	<i>Curculigo capitulata</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>	Pilosidine 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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