

Product Information

Nyasicoside

Cat. No.: X22-05-ZQ622

Size: 5 mg; 10 mg; 20 mg

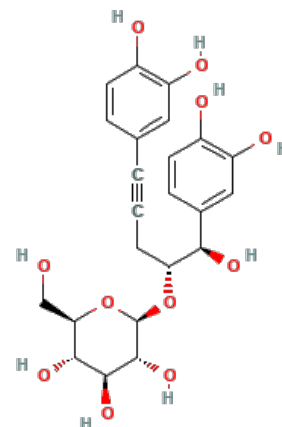
CAS Number: 111518-94-6

Compound CID: 10648327

Synonym: 111518-94-6; Nyasicoside;

(2*R*,3*R*,4*S*,5*S*,6*R*)-2-[(1*R*,2*R*

)-1,5-Bis(3,4-dihydroxyphenyl)-1-hydroxypent-4-yn-2-yl]oxy-6-(hydroxymethyl)oxane-3,4,5-triol



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

Product Information

Description	Nyasicoside is isolated from the herbs of <i>Curculigo capitulata</i> . It has been shown to have an effect on blood pressure in animal studies. This product can be used for research in the fields of medicine and pharmacy.
Molecular Weight	478.5
Molecular Formula	C ₂₃ H ₂₆ O ₁₁
IUPAC Name	(2 <i>R</i> ,3 <i>R</i> ,4 <i>S</i> ,5 <i>S</i> ,6 <i>R</i>)-2-[(1 <i>R</i> ,2 <i>R</i>)-1,5-Bis(3,4-dihydroxyphenyl)-1-hydroxypent-4-yn-2-yl]oxy-6-(hydroxymethyl)oxane-3,4,5-triol
InChI	InChI=1S/C23H26O11/c24-10-18-20(30)21(31)22(32)23(34-18)33-17(19(29)12-5-7-14(26)16(28)9-12)3-1-2-11-4-6-13(25)15(27)8-11/h4-9,17-32H,3,10H2/t17-,18-,19-,20-,21+,22-,23-/m1/s1
InChI Key	STEZVHWESYNLQU-XRWAXFQNSA-N
Canonical SMILES	C1=CC(=C(C=C1C#CCC(C(C2=CC(=C(C=C2)O)O)O)OC3C(C(C(C(O3)CO)O)O)O)O)O
Isomeric SMILES	C1=CC(=C(C=C1C#CC[C@H]([C@@H](C2=CC(=C(C=C2)O)O)O)O)[C@H]3[C@@H]([C@H]([C@@H]([C@H](O3)CO)O)O)O)O)O
Source	<i>Curculigo capitulata</i>
Part Used	Herbs
Form	Powder
Purity	≥98%, determined by HPLC.
Identity	Confirmed by MS and NMR.
Stability	The product is stable for two years when stored at the recommended temperature.



Applications

Nyasicoside can be used for research in the fields of medicine and pharmacy.

Storage

Store at 4°C. Protect from light.

Safety Information

**Personal Protective
Equipment**

Gloves, eyeshields, N95 mask
