



Product Information

Kukoamine B

Cat. No.: X23-04-XQ213

Size: 5 mg; 10 mg; 20 mg

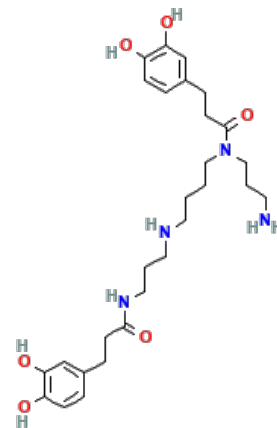
MDL: MFCD29904539

CAS Number: 164991-67-7

Compound CID: 10346914

Synonym: 164991-67-7; Kukoamine B; Kukoamine B mesylate

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



Product Information

Description	Kukoamine B is a spermine alkaloid that inhibits both lipopolysaccharides (LPS) and oligodeoxynucleotides containing CpG motifs (CpG DNA).
Molecular Weight	530.666
Molecular Formula	C ₂₈ H ₄₂ N ₄ O ₆
IUPAC Name	N -[3-[4-[3-Aminopropyl]-[3-(3,4-dihydroxyphenyl)propanoyl]amino]butylamino]propyl]-3-(3,4-dihydroxyphenyl)propanamide
InChI	InChI=1S/C28H42N4O6/c29-13-3-18-32(28(38)12-8-22-6-10-24(34)26(36)20-22)17-2-1-14-30-15-4-16-31-27(37)11-7-21-5-9-23(33)25(35)19-21/h5-6,9-10,19-20,30,33-36H,1-4,7-8,11-18,29H2,(H,31,37)
InChI Key	IWRAOCFRRTWUDF-UHFFFAOYSA-N
Canonical SMILES	C1=CC(=C(C=C1CCC(=O)NCCCNCCCCN(CCCN)C(=O)CCC2=CC(=C(C=C2)O)O)O)O
Form	Yellow to brown powder or massive crystal
Purity	>98%, determined by HPLC.
Identity	Confirmed by NMR and MS.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Kukoamine B can be used for inhibits both lipopolysaccharides (LPS) and oligodeoxynucleotides containing CpG motifs (CpG DNA).
Storage	Store at 4°C. Protect from light.



Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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