



Product Information

Segetalin B

Cat. No.: X22-05-ZQ204

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

CAS Number: 164991-89-3

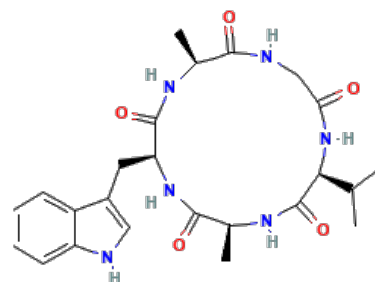
Compound CID: 10345235

Synonym: 164991-89-3; Segetalin b;

(3S,6S,9S,12S)-6-(1H

-Indol-3-ylmethyl)-3,9-dimethyl-12-propan-2-yl-1,4,7,10,13-pentazacyclopentadecane-

2,5,8,11,14-pentone



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

Product Information

Description	Segetalin B, a cyclopentapeptide from <i>Semen vaccariae</i> , possesses estrogen-like activity. This product is widely used in research in the fields of pharmaceuticals, cosmetics and health products.
Molecular Weight	484.55
Molecular Formula	C ₂₄ H ₃₂ N ₆ O ₅
IUPAC Name	(3S,6S,9S,12S)-6-(1H -Indol-3-ylmethyl)-3,9-dimethyl-12-propan-2-yl-1,4,7,10,13-pentazacyclopentadecane-2,5,8,11,14-pe ntone
InChI	InChI=1S/C24H32N6O5/c1-12(2)20-24(35)28-14(4)22(33)29-18(9-15-10-25-17-8-6-5-7-16(15)17)23 (34)27-13(3)21(32)26-11-19(31)30-20/h5-8,10,12-14,18,20,25H,9,11H2,1-4H3,(H,26,32)(H,27,34)(H ,28,35)(H,29,33)(H,30,31)/t13-,14-,18-,20-/m0/s1
InChI Key	VBQDUSUKSGAFMN-OACKDKIBSA-N
Canonical SMILES	CC1C(=O)NCC(=O)NC(C(=O)NC(C(=O)NC(C(=O)N1)CC2=CNC3=CC=CC=C32)C)C(C)C
Isomeric SMILES	32)C)C(C)C
Source	<i>Semen vaccariae</i>
Form	White powder
Purity	≥98%, determined by HPLC.
Solubility	It is soluble in methanol and slightly soluble in ethyl acetate.



Identity	Confirmed by MS and NMR.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Segetalin B is widely used in research in the fields of pharmaceuticals, cosmetics and health products.
Storage	Store at 4°C. Protect from light.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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