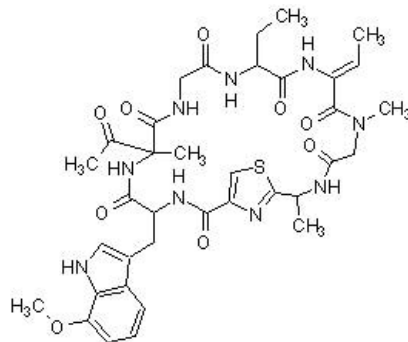


Zelkovamycin, Cyclic peptide antibiotic agent ab144389

[1 Image](#)

Overview

| | |
|---------------------------|---|
| Product name | Zelkovamycin, Cyclic peptide antibiotic agent |
| Description | Cyclic peptide antibiotic agent |
| Purity | > 95% |
| CAS Number | 221197-33-7 |
| Chemical structure | |



Properties

| | |
|-----------------------------|--|
| Chemical name | Cyclo[2-aminobutanoyl-(2Z)-2-amino-2-butenoyl-N-methylglycyl-2-(1-aminoethyl)-4-thiazolecarbonyl-7-methoxytryptophyl-3-oxoisovalylglycyl] |
| Molecular weight | 779.86 |
| Molecular formula | C ₃₆ H ₄₅ N ₉ O ₉ S |
| Storage instructions | Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months. |
| Solubility overview | Soluble in ethanol and in DMSO |
| Handling | Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one week. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Refer to SDS for further information. |

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

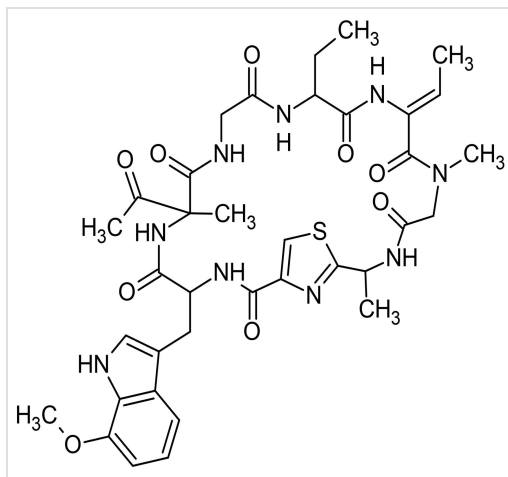
SMILES

CC(=O)C2(C)NC(=O)C(NC(=O)c1nc(sc1)C(C)NC(=O)CN(C)C(=O)C(=C\C)/NC(=O)C(CC)NC(=O)CNC2=O)Cc3cc4cccc(OC)c4n3

Source

Streptomyces sp.

Images



2D chemical structure image of ab144389, Zelkovamycin, Cyclic peptide antibiotic agent

Chemical Structure - Zelkovamycin, Cyclic peptide antibiotic agent (ab144389)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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