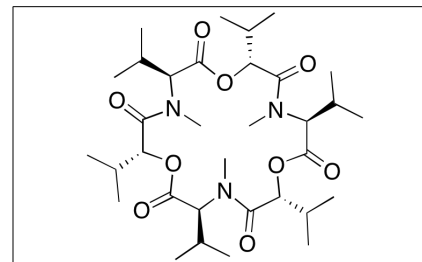


Product Information

Product ID E537334
CAS No. 917-13-5
Chemical Name (3S,6R,9S,12R,15S,18R)-4,10,16-trimethyl-3,6,9,12,15,18-hexa(propan-2-yl)-1,7,13-trioxa-4,10,16-triazacyclooctadecane-2,5,8,11,14,17-hexone
Synonym cyclo[N(Me)Val-D-OVal-N(Me)Val-D-OVal-N(Me)Val-D-OVal]



Formula C₃₃H₅₇N₃O₉
Formula Wt. 639.83
Melting Point 172-176°C
Purity ≥99%
Solubility Soluble in DMSO, ethanol, methanol and DMF.
Insoluble in water.

Bulk quantities available upon request

Product ID	Size
E537334	1 mg
E537334	5 mg

Store Temp -20°C
Ship Temp Ambient

Description Enniatins are a group of mycotoxins produced by several fungal species. They are cyclic hexadepsipeptides structurally related to beauvericin. They may be found as contaminants in food commodities, particularly in cereal grains. Enniatins are found to have a variety of biological activities including insecticidal, antifungal, antibiotic and cytotoxic properties. They have been shown to induce apoptosis in several human cancer cell lines and are gaining interest as potential anticancer drugs.

References Liuzzi VC, Mirabelli V, Cimmarusti MT, et al. Enniatin and beauvericin biosynthesis in *Fusarium* species: production profiles and structural determinant prediction. *Toxins (Basel)*. 2017 Feb;9(2):45. PMID: 28125067.

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Nazari F, Sulyok M, Kobarfard F, et al. Evaluation of emerging mycotoxins beauvericin, enniatins, fusaproliferin and moniliformin in domestic rice in Iran. *Iran J Pharm Res*. 2015 Spring;14(2):505-512. PMID: 25901158.

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Caution: This product is intended for laboratory and research use only. It is not for human or drug use.