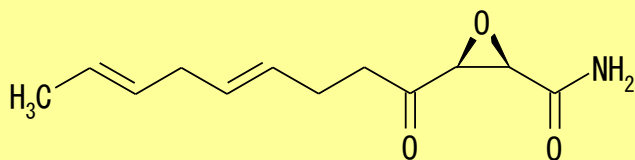


Structure



Origin: *Cephalosporium caerulens*.

CAS Registry Number: 17397-89-6

Appearance: white powder

Molecular Formula/ Weight: C₁₂H₁₇NO₃=223.27

Purity: >95% by HPLC

Solubility: Sol. in 1mg/ml ethanol, methanol, DMSO

Background Information:

as antifungal antibiotic with a structure of (2R,3S)-2,3-epoxy-4-oxo-7,10-trans,trans-dodecadienoylamide. The first paper on the total synthesis of cerulenin was reported by Boeckman et al. Biological activities: 1) Inhibition of Fatty Acid synthase 2) inhibition of polyketide synthesis 3) Antimicrobial activity

Handling and Storage:

Store at -20°C.

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Manufactured with Cortesy strain from The Kitasato Institute.