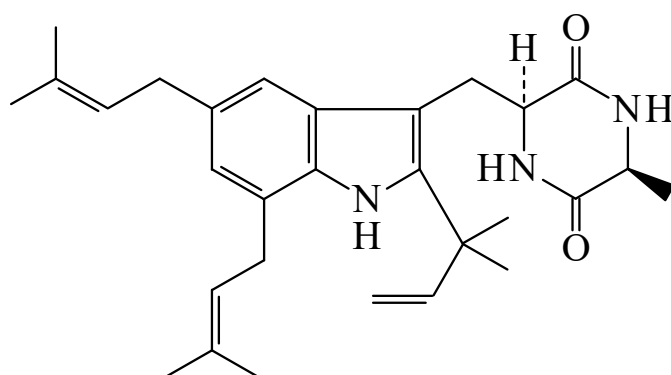




>>Entry Name: Echinulin



Absolute
configuration

CAS Registry Number: 1859-87-6

Type of Compound Code(s): AH0150 VV0150

Molecular Formula: C₂₉H₃₉N₃O₂

Molecular Weight: 461.646

Accurate Mass: 461.304227

Percentage Composition: C 75.45%; H 8.51%; N 9.10%; O 6.93%

Biological Source: Metab. of *Aspergillus echinulatus*, *Aspergillus amstelodami* and *Aspergillus glaucus*

Melting Point: Mp 242-243°

Optical Rotation: $[\alpha]_D^{20} -24.4$ (CHCl₃)

Solubility: BERDY SOL: Sol. CHCl₃, Et₂O; poorly sol. H₂O

UV: [neutral] $\lambda_{\max}$ 230 (ϵ 39810); 279 (ϵ 9550); 286 (ϵ 9120) (MeOH) (Berdy) [neutral] $\lambda_{\max}$ 228 (); 278 () (EtOH) (Berdy)

Hazard & Toxicity: Exp. hepatic and pulmonary effects

References:

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