



Accurate Mass: 1030.595052

Percentage Composition: C 59.40%; H 8.01%; N 10.87%; O 21.72%

Biological Source: Prod. by *Zalerion arboricola*

Use/Importance: Antifungal agent

Solubility: BERDY SOL: Sol. MeOH, EtOAc; poorly sol. H₂O

UV: [base] $\lambda_{\max}$ (solvent not reported) (Derep) [neutral] $\lambda_{\max}$ 208 (ϵ 19000); 225 (sh) (ϵ 15100); 274 (ϵ 1510); 282 (sh) (ϵ 1250) (MeOH) (Derep)

>>**Derivative:** 1",2",10,11-Tetradecoxy

Synonym(s): Pneumocandin A₄

CAS Registry Number: 135882-23-4

Molecular Formula: C₅₁H₈₂N₈O₁₃

Molecular Weight: 1015.255

Accurate Mass: 1014.600137

Percentage Composition: C 60.34%; H 8.14%; N 11.04%; O 20.49%

Biological Source: Prod. by *Zalerion arboricola*

Use/Importance: Antifungal agent

Solubility: BERDY SOL: Sol. MeOH, EtOAc; poorly sol. H₂O

UV: [neutral] $\lambda_{\max}$ 208 (ϵ 19000); 225 (sh) (ϵ 15100); 274 (ϵ 1510); 282 (sh) (ϵ 1450) (MeOH) (Derep)

>>**Derivative:** 5-Demethyl

Synonym(s): Pneumocandin B₀

CAS Registry Number: 135575-42-7

Molecular Formula: C₅₀H₈₀N₈O₁₇

Molecular Weight: 1065.225

Accurate Mass: 1064.564147

Percentage Composition: C 56.38%; H 7.57%; N 10.52%; O 25.53%

Biological Source: Prod. by *Zalerion arboricola*

Solubility: BERDY SOL: Sol. MeOH, EtOAc; poorly sol. H₂O

UV: [neutral] $\lambda_{\max}$ 208 (ϵ 19000); 225 (sh) (ϵ 15000); 274 (ϵ 1510); 282 (sh) (ϵ 1450) (MeOH) (Derep)

>>**Derivative:** 5-Demethyl, 10,11-dideoxy

Synonym(s): Pneumocandin B₂

CAS Registry Number: 138530-80-0

Molecular Formula: C₅₀H₈₀N₈O₁₅

Molecular Weight: 1033.227

Accurate Mass: 1032.574317

Percentage Composition: C 58.12%; H 7.80%; N 10.85%; O 23.23%

Biological Source: Prod. by *Zalerion arboricola*

Use/Importance: Antifungal agent

UV: [base] $\lambda_{\max}$ (solvent not reported) (Derep) [neutral] $\lambda_{\max}$ 208 (ϵ 19000); 225 (sh) (ϵ 15100); 274 (ϵ 1510); 282 (sh) (ϵ 1250) (MeOH) (Derep)

>>**Derivative:** 5-Demethyl, 5-hydroxy, 6-deoxy

Synonym(s): Pneumocandin C₀

CAS Registry Number: 144074-96-4

Molecular Formula: C₅₀H₈₀N₈O₁₇

Molecular Weight: 1065.225

Accurate Mass: 1064.564147

Percentage Composition: C 56.38%; H 7.57%; N 10.52%; O 25.53%

Biological Source: Prod. by *Zalerion arboricola*

Use/Importance: Antifungal agent

UV: [neutral] $\lambda_{\max}$ 208 (ϵ 19000); 225 (sh) (ϵ 15000); 274 (ϵ 1510); 282 (sh) (ϵ 1450) (MeOH) (Derep)