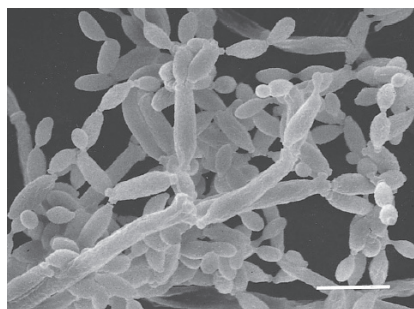


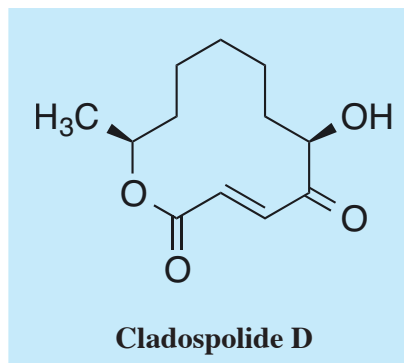
Cladospolide D

1. Discovery, producing organism and structure¹⁾

Cladospolide D was isolated from the culture broth of the fungal strain *Cladosporium* sp. FT-0012 and identified as a compound possessing antifungal activity against *Pyricularia oryzae* and *Mucor racemosus*. The total syntheses of cladospolide D have been reported by three groups.²⁻⁵⁾ The first total synthesis was achieved by Hou *et al.*²⁾ (See Appendix I).



Cladosporium sp. FT-0012
Bar: 10 μ m



2. Physical data

Colorless Oil. C₁₂H₁₈O₄; mol wt 226.12. Sol. in MeOH, CHCl₃, CH₃CN, acetone, EtOH, EtOAc. Insol. in H₂O, hexane.

3. Biological activity¹⁾

Antimicrobial activity

Test organism	IC ₅₀ (μ g/ml)
<i>Mucor racemosus</i> KF 223	0.15
<i>Pyricularia oryzae</i> KB 180	29

4. Reference

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