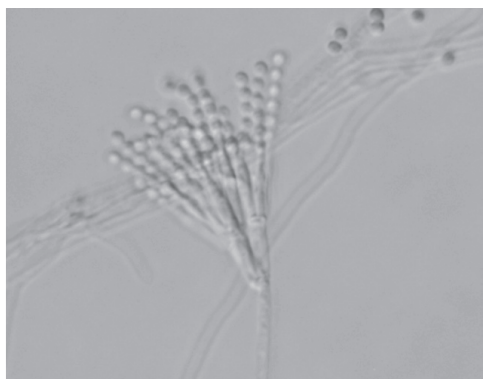


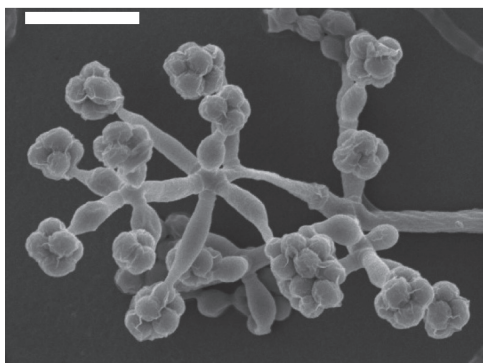
# Secopenicillide C

## 1. Discovery, producing organism and structure<sup>1)</sup>

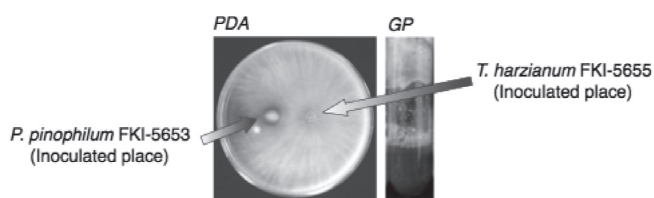
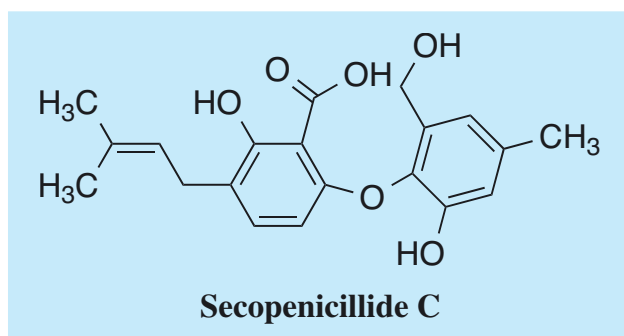
Secopenicillide C was isolated from a co-culture broth of *Penicillium pinophilum* (current name: *Talaromyces pinophilus*) FKI-5653 and *Trichoderma harzianum* FKI-5655. The production of secopenicillide C in co-culture was 3.7-fold higher than that observed in pure culture of *P. pinophilum* FKI-5653.



*Penicillium pinophilum* FKI-5653  
(*Talaromyces pinophilus* FKI-5653)  
Bar: 20  $\mu\text{m}$



*Trichoderma harzianum* FKI-5655  
Bar: 10  $\mu\text{m}$



Co-culture of two fungal strains, *P. pinophilum* FKI-5653 and *T. harzianum* FKI-5655, grown on potato dextrose agar (PDA) at 27°C for 3 days and glucose peptone broth (GP) at 27°C for 6 days

## 2. Physical data

A light redish amorphous.  $\text{C}_{20}\text{H}_{22}\text{O}_6$ ; mol wt 358.59., Sol. in MeOH.

## 3. References

- [1111] K. Nonaka *et al.*, *J. Antibiot.* **64**, 769-774 (2011)