

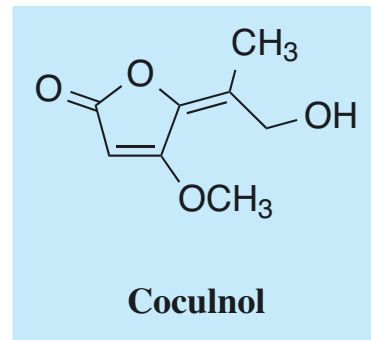
Coculnol

1. Discovery, producing organism and structure¹⁾

Coculnol was found in a co-culture broth of two fungal strain, *Fusarium solani* FKI-6853 and *Talaromyces* sp. FKA-65 and identified as being an anti-influenza virus agent. Coculnol is a new analog of penicillic acid.



Fusarium solani FKI-6853
Bar: 10 μ m



2. Physical data

White syrup. C₈H₁₀O₄; mol wt 170.16. Sol. in MeOH

3. Biological activity¹⁾

1) *In vitro* virus activity

Coculnol showed *in vitro* anti-influenza virus activity against the starin A/PR/8/34 (N1H1), with an IC₅₀ value of 283 μ g/mL, as well as displayig weak cytotoxicity against MDCK cells (IC₅₀: 781 μ g/mL).

4. Reference

- [] K. Nonaka *et al.*, *J. Antibiot.*, in press