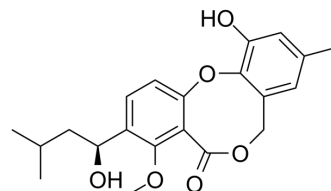


## Penicillide

Cat. No.:	HY-126455
CAS No.:	55303-92-9
Molecular Formula:	C <sub>21</sub> H <sub>24</sub> O <sub>6</sub>
Molecular Weight:	372.41
Target:	Acyltransferase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Penicillide (Vermixocin A), isolated from *Talaromyces derxii* cultivated on rice, shows inhibitory activity against acyl-CoA:cholesterol acyltransferase (ACAT)<sup>[1]</sup>.

### REFERENCES

[1]. H Nishida, et al. Purpactins, new inhibitors of acyl-CoA:cholesterol acyltransferase produced by *Penicillium purpurogenum*. III. Chemical modification of purpactin A. *J Antibiot (Tokyo)*. 1991 Feb;44(2):152-9.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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