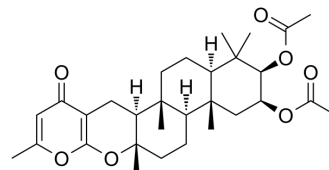


## Sartorypyrone B

Cat. No.:	HY-138098
CAS No.:	1452396-11-0
Molecular Formula:	C <sub>30</sub> H <sub>42</sub> O <sub>7</sub>
Molecular Weight:	514.65
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Sartorypyrone B is a 2 $\beta$ -acetoxy analogue of chevalone C. Sartorypyrone B is yielded from the ethyl acetate extract of the culture of the marine sponge-associated fungus *Neosartorya tsunodae* (KUFC 9213). Sartorypyrone B exhibits strong growth inhibitory activity, having GI<sub>50</sub>s of 17.8, 20.5, and 25.0  $\mu$ M, respectively, for MCF-7, NCI-H460, and A375-C5. Sartorypyrone B has the potential for the research of breast adenocarcinoma, non-small cell lung cancer, and melanoma diseases<sup>[1]</sup>.

### REFERENCES

[1]. Amnat Eamvijarn, et al. Bioactive meroditerpenes and indole alkaloids from the soil fungus *Neosartorya fischeri* (KUFC 6344), and the marine-derived fungi *Neosartorya laciniosa* (KUFC 7896) and *Neosartorya tsunodae* (KUFC 9213).

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA