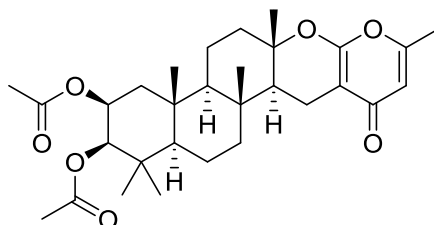


Sartorypyrone B

Code No.: **BIA-S1803**

Pack sizes: **1 mg, 5 mg**



Synonyms :

Specifications

CAS #	: 1452396-11-0
Molecular Formula	: C ₃₀ H ₄₂ O ₇
Molecular Weight	: 514.7
Source	: <i>Neosartorya</i> sp.
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Sartorypyrone B is a pentacyclic meroterpenoid metabolite isolated from *Aspergillus* (syn. *Neosartorya*) species. While sartorypyrone B possesses no antibiotic activity against *S. aureus*, *P. aeruginosa*, *B. subtilis* and *E. coli*, it is nonetheless capable of selective potentiation of ciprofloxacin, ampicillin, oxacillin and cefotaxime against *E. coli*, *S. aureus* and *E. fecium*. The mode of action of sartorypyrone B is not understood at this time.

References

1. 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). Eamvijarn A. et al., *Tetrahed.* 2013, 8583.
2. Antibacterial and antibiofilm activities of tryptoquivalines and meroditerpenes Isolated from the marine-derived fungi *Neosartorya paulistensis*, *N. laciniosa*, *N. tsunodae*, and the soil fungi *N. fischeri* and *N. siamensis*. Nelson M. et al., *Marine Drugs* 2014, 12, 822.