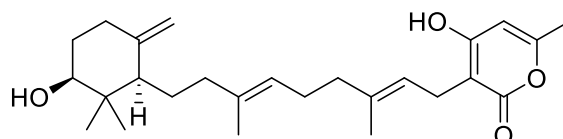


## Sartorypyrone D

Code No.: **BIA-S1984**

Pack sizes: **0.1 mg, 0.5 mg**



Synonyms : 20-O-Deacetylsartorypyrone A

### Specifications

CAS #	: 1801167-48-5
Molecular Formula	: C <sub>26</sub> H <sub>38</sub> O <sub>4</sub>
Molecular Weight	: 414.58
Source	: <i>Neosartorya</i> sp.
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

### Application Notes

Sartorypyrone D is a meroterpenoid produced by *Neosartorya fischeri* FO-5897 and isolated by Omura and co-workers at the Kitasato Institute, Japan, in 2015. Sartorypyrone D is a potent inhibitor of NADH-fumarate reductase and NADH oxidase with IC<sub>50</sub> OF 1.7 AND 3.0 μM, respectively. Sartorypyrone D is active against Gram positive bacteria (*Bacillus subtilis* and *Kocuria rhizophila*) and *Mycobacterium smegmatis*.

### References

1. Sartorypyrone D: a new NADH-fumarate reductase inhibitor produced by *Neosartorya fischeri* FO-5897. Kaifuchi S. et al. J Antibiot. 2015, 68, 403.