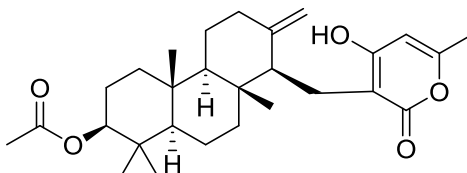


Aszonapyrone A

Code No.: **BIA-A1804**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms : 20-O-Acetylaszonapyrone B

Specifications

CAS #	: 83103-08-6
Molecular Formula	: C ₂₈ H ₄₀ O ₅
Molecular Weight	: 456.6
Source	: <i>Aspergillus</i> sp.
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Aszonapyrone A is a polycyclic meroditerpene, initially isolated from *Aspergillus zonatus* by Isogai and collaborators at Tottori University, Japan and subsequently from other *Aspergillus* species. Aszonapyrone A is active against multidrug-resistant Gram-positive bacteria and bacterial biofilms.

References

1. Structure of aszonapyrone A, a new metabolite produced by *Aspergillus zonatus*. Kimura Y. et al., *Agric. Biol. Chem.* 1982, 46, 1963.
2. Bioactive secondary metabolites from a Tahiti collection of soil and marine-derived fungi of the genera *Neosartorya* and *Aspergillus*. Zin W.W. et al., *Curr. Drug Deliv.* 2016, 13, 378.
3. 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*. Gomes N.M. et al., *Mar. Drugs.* 2014, 12, 822.