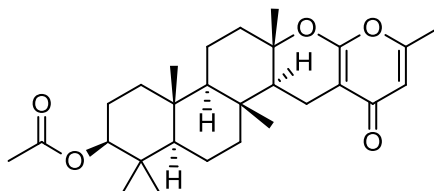


Chevalone C

Code No.: **BIA-C1637**

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



Synonyms :

Specifications

CAS #	:	1318025-77-2
Molecular Formula	:	C₂₈H₄₀O₅
Molecular Weight	:	456.6
Source	:	<i>Neosartorya</i> sp.
Appearance	:	White to off-white solid
Purity	:	>95% by HPLC
Long Term Storage	:	-20°C
Solubility	:	Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Chevalone C is a meroterpenoid metabolite isolated from the fungus, *Eurotium chevalieri*, by Thai researchers in 2011. The pentacyclic ring system of chevalone C is formed from closure of ring D by coupling the 2-hydroxy pyrone tautomer to the exo-alkene. This gives chevalone C a distinctly different UV spectrum from chevalones A and B which couple through the 4-hydroxypyronone tautomer. The ring closure to form chevalone C can also be achieved by acid catalysis of aszonapyrone A. Chevalone C has weak activity against mycobacteria and some tumor cell lines.

References

1. Bioactive meroterpenoids and alkaloids from the fungus *Eurotium chevalieri*. Kanokmedhakul K. et al., *Tetrahedron* 2011, 67, 5461.