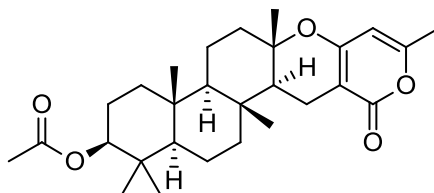


Chevalone B

Code No.: **BIA-C1638**

Pack sizes: **0.25 mg, 1 mg**



Synonyms :

Specifications

CAS #	:	1318025-75-0
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 B is a meroterpenoid metabolite isolated from the fungus, *Eurotium chevalieri*, by Thai researchers in 2011. The pentacyclic ring system of chevalone B is formed by closure of ring D via coupling of the 4-hydroxy pyrone tautomer to the exo-alkene. This gives chevalone B a distinctly different UV spectrum from chevalone C which couples through the 2-hydroxypyrene isomer. Chevalone B has weak activity against some tumor cell lines.

References

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