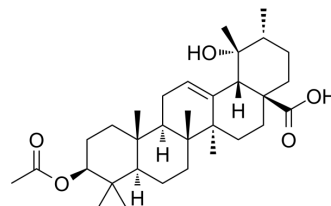


Pomolic acid 3-acetate

Cat. No.:	HY-N10992
CAS No.:	15914-62-2
Molecular Formula:	C ₃₂ H ₅₀ O ₅
Molecular Weight:	514.74
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Pomolic acid 3-acetate is an antitubercular agent with a MIC of 32 μM against Mycobacterium tuberculosis H ₃₇ Rv ^[1] .
IC₅₀ & Target	MIC: 32 μM (Mycobacterium tuberculosis H ₃₇ Rv) ^[1]
In Vitro	Pomolic acid 3-acetate inhibits JB6 cell transformation with an IC ₅₀ of 8.1 μg/mL ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Wächter GA, et al. Antitubercular activity of pentacyclic triterpenoids from plants of Argentina and Chile. *Phytomedicine*. 1999 Nov;6(5):341-5.
- [2]. Carcache-Blanco EJ, et al. Potential cancer chemopreventive agents from *Arbutus unedo*. *Nat Prod Res*. 2006 Apr;20(4):327-34.

Caution: Product has not been fully validated for medical applications. For research use only.

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