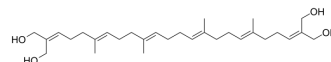


## Tetrahydroxysqualene

Cat. No.:	HY-N1160
CAS No.:	1043629-23-7
Molecular Formula:	C <sub>30</sub> H <sub>50</sub> O <sub>4</sub>
Molecular Weight:	474.72
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Tetrahydroxysqualene is a triterpene, possessing antimycobacterial activity against <i>Mycobacterium tuberculosis</i> with an MIC of 10.0 µg/mL. Tetrahydroxysqualene can be isolated from the methanolic extracts of <i>Rhus taitensis</i> Guill <sup>[1]</sup> .
IC <sub>50</sub> & Target	MIC: 10.0 µg/mL ( <i>Mycobacterium tuberculosis</i> ) <sup>[1]</sup>

### REFERENCES

[1]. Noro JC, et al. Tetrahydroxysqualene from *Rhus taitensis* shows antimycobacterial activity against *Mycobacterium tuberculosis*. *J Nat Prod*. 2008 Sep;71(9):1623-4.

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

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