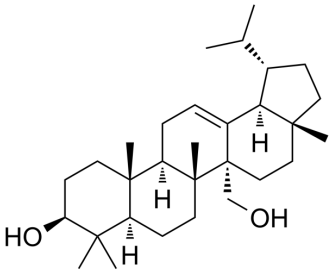
Obtusalin

Cat. No.:	HY-N10474
CAS No.:	125164-64-9
Molecular Formula:	$C_{30}H_{50}O_2$
Molecular Weight:	442.72
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Obtusalin is a triterpenoid found in R. dauricum for the first time and shows UV absorption at 210 nm. Obtusalin has some antibacterial activity[1][2].
In Vitro	Obtusalin (0.781-100 μg/mL, 24 h) has antibacterial activity against Enterococcus faecalis ATCC 10541, Providensia smartii ATCC 29916, Staphylococcus aureus ATCC 25922 and Escherichia coli ATCC 8739 with the MIC values of 50, 100, 50 and 100 μg/mL, respectively[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Jiang-Ling Li, et al. Antibacterial constituents from Melodinus suaveolens. Chin J Nat Med. 2015 Apr;13(4):307-10. doi: 10.1016/S1875-5364(15)30020-0.

[2]. Helen L Alvarado, et al. Development and validation of a high-performance liquid chromatography method for the quantification of ursolic/oleanic acids mixture isolated from Plumeria obtusa. J Chromatogr B Analyt Technol Biomed Life Sci. 2015 Mar 1;983-984:111-6.

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