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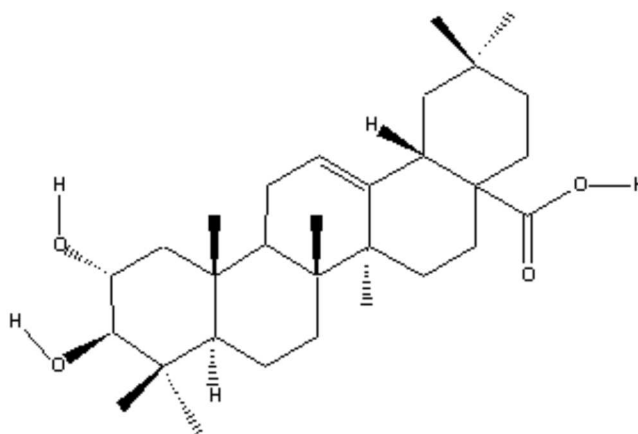
2- α , 3- β -Dihydroxyolean-12-en-28-oic Acid (Maslinic Acid)

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An industrial procedure has been established for the isolation of 2- α ,3- β -dihydroxyolean-12-en-28-oic acid (maslinic acid) starting from olive fruits (*Olea europaea*). Maslinic acid [4373-41-5] has been identified by its physical constants and spectroscopical data (See references). It is affordable on a large scale in two qualities: Solid white powder (85% content, 15% other terpene compounds) or chemically pure maslinic acid (>97%).

^1H NMR of the methylester of this product (solvent CDCl_3): 0.70 (3H-26), 0.80 (3H-24), 0.88 (3H-29), 0.90 (3H-30), 0.96 (3H-25), 1.01(3H-23), 1.11 (3H-27), 5.05 (1H-12), 3.45 (1H-2), 2.75 (1H-3), 2.6 (1H-18).

^{13}C NMR of the methylester of this product (solvent CDCl_3): 46.12 (C1), 68.24 (C2), 83.17(C3), 38.97(C4), 55.05 (C5), 18.52 (C6), 32.29 (C7), 39.07 (C8), 47.38 (C9), 37.88 (C10), 23.18 (C11), 121.86 (C12), 143.71 (C13), 41.52 (C14), 27.37 (C15), 22.73 (C16), 46.12 (C17), 41.00 (C18), 45.71 (C19), 30.36 (C20), 33.60 (C21), 32.39 (C22), 28.21 (C23), 16.14 (C24), 16.37 (C25), 16.54 (C26), 27.37 (C27), 180.58,(C28), 32.67 (C29), 23.14(Me).

References

1. *Dictionary of Natural Products on CD-ROM*, Chapman and Hall, London, 1997. ISSN 0966-2146
2. Visit the <http://probe.nalusda.gov:8300/cgi-bin/browse/phytochemdb> website.

Sample availability: Commercially available from the authors. [MDPI Reg. No. 15849](#).

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