

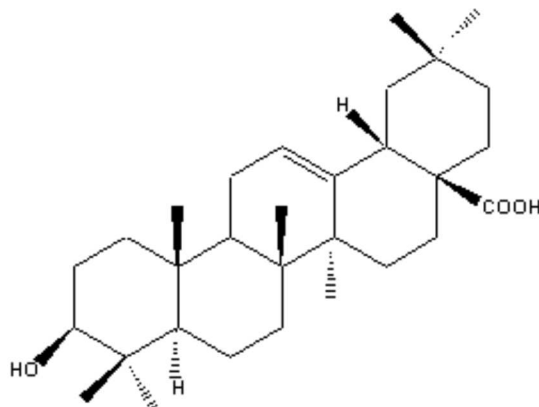
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3- β -Hydroxyolean-12-en-28-oic Acid (Oleanolic Acid)

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An industrial procedure has been established for the isolation of 3- β -hydroxyolean-12-en-28-oic acid (oleanolic acid) starting from olive fruits (*Olea europaea*). Oleanolic acid [508-02-1] has been identified by its physical constants and spectroscopical data [1,2]. It is affordable on a large scale in two qualities: Solid white powder (85% content, 15% other terpene compounds) or chemically pure oleanolic acid (>97%) .

^1H NMR of the methylester of this product (solvent CDCl_3): 0.65 (3H, position-24), 0.66 (3H-26), 0.78 (3H-29), 0.79 (3H-25), 0.80 (3H-30), 0.85 (3H-23), 1.02 (3H-27), 5.26 (1H-12), 3.19 (1H-3), 2.84 (1H-18).

^{13}C NMR of the methylester of this product (solvent CDCl_3): 38.52(C1), 28.18 (C2), 79.07 (C3), 37.11 (C4), 55.31 (C5), 18.41 (C6), 32.46 (C7), 39.36 (C8), 47.71 (C9), 38.82 (C10), 23.48 (C11), 122.44 (C12), 143.85 (C13), 41.72 (C14), 27.78 (C15), 23.15 (C16), 45.96 (C17), 41.38 (C18), 45.96 (C19), 30.76 (C20), 33.94 (C21), 32.75 (C22), 28.18 (C23), 15.65 (C24), 15.37 (C25), 16.91 (C26), 26.01 (C27), 178.24 (C28), 33.18 (C29), 23.71 (C30), 51.60 (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. 15848](#).

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