485. The Canary Islands Euphorbia latex. V. Euphorbia obtusifolia

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Abstract

cf. C.A. 46, 2527b. From the latex of Euphorbia obtusifolia were sepd. 2 triterpenes of the compn. $C_{30}H_{50}O$. One was identified as handianol (I), colorless plates from MeOH, m. 111-12°. The name of obtusifoliol (II) is proposed for the other, colorless needles, m. 134-5° (from MeOH), $[\alpha]_D$ + 68.2° (1.5% in chloroform). Ac and dihydro-Ac derivs. of I, m. 116-17° and 122-3°, resp., and of II, m. 96.5-7° and 117-18°, resp. The Bz deriv. of II, m. 154.5-5° (from EtOH) and $[\alpha]_D$ + 102° (2.4% in chloroform).

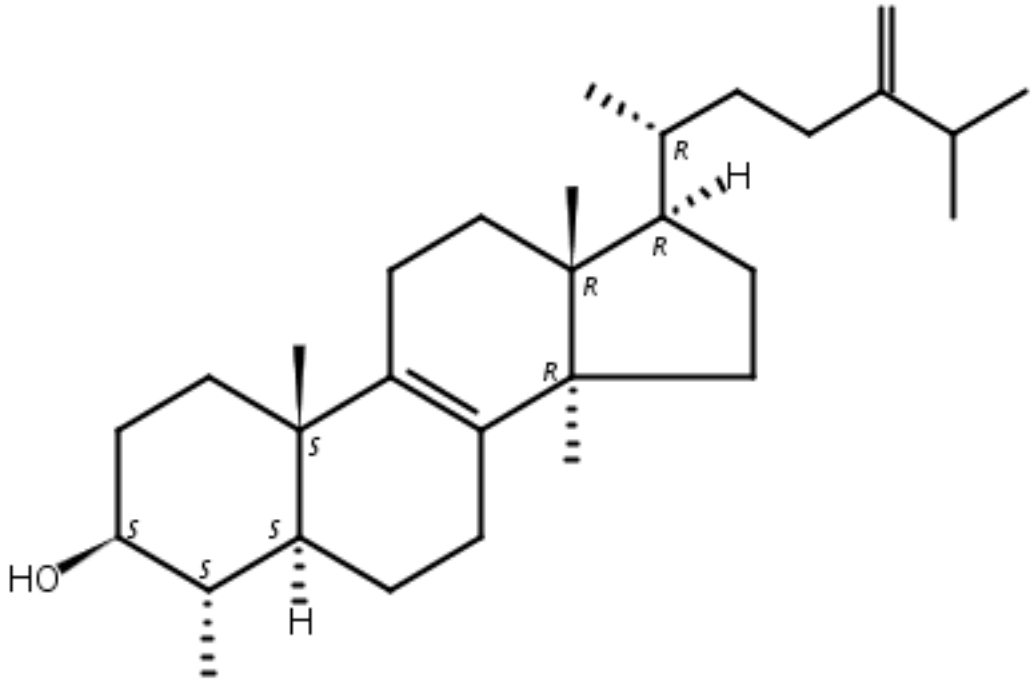
Indexing

Biological Chemistry: Botany (Section 11D)

Substances

469-38-5 Handianol

16910-32-0 Obtusifoliol



Rotation (+)., Absolute stereochemistry.

and derivs.

4575-74-0P Handianol, dihydro-, acetate

124463-54-3P Obtusifoliol, dihydro-, acetate

prepn. of

Preparation