

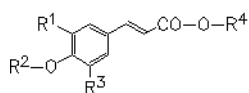
other natural products

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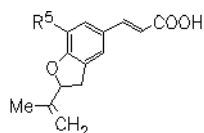
Studies on the Constituents of Brazilian Propolis. Part 2.

Together with seventeen known compounds seven novel substances such as (I)–(III) are isolated from the aqueous ethanol extract of the title plant. — (TAZAWA, SHIGEMI; WARASHINA, TSUTOMU; NORO, TADATAKA; Chem. Pharm. Bull. 47 (1999) 10, 1388-1392; Grad. Sch. Nutr. Environ. Sci., Univ. Shizuoka, Yada, Shizuoka 422, Japan; EN)



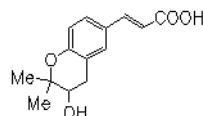
I

- a R¹, R², R³: -H; R⁴:
- b R¹, R², R³: -H; R⁴:
- c R¹, R³, R⁴: -H; R²: -Hcn
- d R¹: ; R², R⁴: -H; R³: -Prn



II

- a R⁵: -H
- b R⁵: -Prn



III

Hcn: -CO-(CH₂)₂-Ph

Prn: