

been reported from *E. tirucalli* [9] but a sample available to us was only found to contain 4-deoxy-4 α -phorbol [4]. The presence of phorbol in *E. franckiana* is therefore of chemotaxonomic interest. Phorbol was estimated to be 0.52% w/w of the acetone dried latex by means of GLC [4].

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C-GLYCOSYLFLAVONES IN THE BULBS OF SQUILL*

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Key Word Index—*Urginea maritima*; Liliaceae; squill; bulb; glycoflavones.

Plant. *Urginea maritima* Baker (Liliaceae).
Source. Collected in Iberian Peninsula and Balearic Islands. Voucher specimen in Herb. of this University.

Previous work. Anthocyanins[1] and several flavonols and dihydro-flavonols-*O*-glucosides[2].

Present work. Six C-glycosylflavones were isolated from the EtOAc extract by PC; five of which were identified as vitexin, isovitexin, orientin, isoorientin, scoparin, by the usual degradative[3], chromatographic and spectrophotometric[4] methods, and further comparison with authentic samples (Fluka). A possible isovitexin-*O*-xyloside has also been isolated, but its structure is not yet definitive. Vicenin-2 was isolated from the ethanolic extract, after precipitating sinistrins with

MeOH-EtOAc (1:3), and separating cardiac glycosides on a celite column eluted with CHCl₃ and CHCl₃/MeOH. Further elution with aqueous MeOH afforded the flavonoid fraction; vicenin-2, was separated by PC and identified as above by comparison with an authentic sample.

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