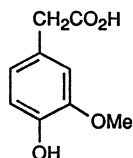


76.1 Introduction

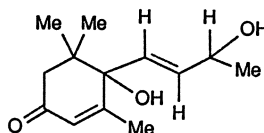
Ilex pubescens Hook et Arn. (Aquifoliaceae), is a folk medicine in China used in the treatment of cardiovascular diseases and as an antiinflammatory and analgesic agent. It is not officially listed in the Chinese Pharmacopoeia.

76.2 Chemical Constitutents

Homovanillic acid (76-1), vomifoliol (76-2) [1–3], 3,4-dihydroxyacetophenone, scopoletin, esculetin [2, 3], and a new compound named glaberide I [2–4] were isolated from the leaves of *I. pubescens* var. *glaber*.

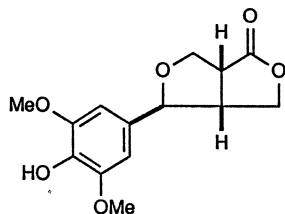


Homovanillic acid (76-1)



Vomifoliol (76-2)

The structure of glaberide I (76-3) was determined on the basis of spectral and X-ray analyses. It represents a condensed furofuranone derivative [2, 5].



Glaberide I (76-3)

From the root of *I. pubescens*, a triterpene glycoside named ileoxolide A (76-4), containing the aglycon ilexalic acid connected to xylose, was isolated and structurally determined [6]. Recently, new saponins named ilexsaponin A (76-5) [7], ilexsapon-