

Two oleanane triterpenoids from *Gordonia ceylanica* and their conversions to taraxarane triterpenoids

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Abstract

Chemical investigation of the hot hexane extract of the stem bark of *Gordonia ceylanica* afforded two new oleanane triterpenoids, 3 β -acetoxy-11 α ,13 β -dihydroxyolean-12-one (1) and 3 β ,11 α -diacetoxy-13 β -hydroxyolean-12-one (2). The attempted acid hydrolysis of these two compounds resulted the dehydration and subsequent methyl group migration to afford the taraxarane triterpenoids 3 β ,11 α -dihydroxytaraxer-14-en-12-one (4) and 3 β -hydroxy-11 α -acetytaraxer-14-en-12-one (5), respectively. These taraxaranes have not been previously reported. © 2000 Elsevier Science Ltd. All rights reserved.

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