

A New Eudesmane Derivative from *Leontodon tuberosus*

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Besides the known compounds 2,4,6-trihydroxyacetophenone 4-O- β -D-glucopyranoside and syringaresinol 4'-O- β -D-glucopyranoside, the novel sesquiterpenoid 1,2-dehydro-3-oxocostic acid β -D-glucopyranoside ester was isolated from *Leontodon tuberosus* L. and its structure established by mass spectrometry and 1D- and 2D-NMR spectroscopy. Additionally, a number of fatty and phenolic acids was identified in the crude methanolic extract by HPLC-DAD and HPLC-MS. The chemosystematic impact of the new sesquiterpenoid is discussed briefly.

Key words: Chemosystematics, Lactuceae, Sesquiterpenoids