

A New Sesquiterpene Lactone Sulfate from *Reichardia gaditana* (Asteraceae)

Christian Zidorn^a, Ernst-Peter Ellmerer^b, Werner Heller^c, Karin Jöhrer^d,
Moritz Frommberger^e, Richard Greil^{d,f}, Manuela Guggenberger^a, Karl-Hans Ongania^b,
and Hermann Stuppner^a

^a Institut für Pharmazie, Abteilung Pharmakognosie, Universität Innsbruck, Innrain 52,
A-6020 Innsbruck, Austria

^b Institut für Organische Chemie, Universität Innsbruck, Innrain 52, A-6020 Innsbruck, Austria

^c GSF Forschungszentrum für Umwelt und Gesundheit, Institut für Biochemische
Pflanzenpathologie, AG Sekundärstoffwechsel, Ingolstädter Landstrasse 1, 85764 Neuherberg,
Germany

^d Tiroler Krebsforschungsinstitut, Innrain 66, A-6020 Innsbruck, Austria

^e GSF Forschungszentrum für Umwelt und Gesundheit, Institut für Ökologische Chemie,
Ingolstädter Landstrasse 1, 85764 Neuherberg, Germany

^f Third Medical Department at the Paracelsus Private University Hospital Salzburg, 5020 Salzburg,
Austria

Reprint requests to Prof. Dr. C. Zidorn. Fax: +43-512-507-2939.
E-mail: Christian.H.Zidorn@uibk.ac.at

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The new sesquiterpenoid 8-deoxy-15-(3'-hydroxy-2'-methyl-propanoyl)-lactucin 3'-sulfate (**1**) was isolated from the methanolic extract of roots of *Reichardia gaditana* L. The compound was isolated by silica gel column chromatography (CC) and repeated Sephadex LH-20 CC. Structure elucidation was accomplished by high-resolution mass spectrometry and by 1D- and 2D-NMR spectroscopy. The chemosystematic significance of the new compound is discussed in the context of sesquiterpenoids from other members of the Lactuceae tribe of the Asteraceae family.

Key words: *Reichardia*, Chemosystematics, NMR Spectroscopy, Sesquiterpenoids,
Structure Elucidation