Iseluxine: A Novel Isoquinolinone Alkaloid from *Iseia luxurians*[§]

Thomas Schimming[a], Kristina Jenett-Siems[a], Karsten Siems[b], Ludger Witte[c], Mahabir P. Gupta[d] and Eckart Eich[a,*]

[a] Institut für Pharmazie (Pharmazeutische Biologie), Freie Universität Berlin, Berlin, Germany.
Fax: ++49 (0) 30 838 53729.
E-mail: eckeich@zedat.fu-berlin.de
[b] AnalytiCon AG, NL Potsdam, Hermannswerder Haus 17, D-14473 Potsdam, Germany
[c] Institut für Pharmazeutische Biologie, Technische Universität Braunschweig, Germany
[d] Centro de Investigaciones Farmacognósticas de la Flora Panameña (CIFLORPAN), Facultad de Farmacia, Universidad de Panamá, Republic of Panama

* Author for correspondence and reprint requests

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A novel isoquinolinone alkaloid, iseluxine (**1**), has been isolated from the epigeal parts of *Iseia luxurians* (Moric.) O'Donell (Convolvulaceae), a climber indigenous to the tropical Americas. Structural elucidation was achieved by HRMS, ^{1}H NMR, ^{13}C NMR, and HMBC spectroscopy. N- and / or O-methyl derivatives of **1** are already known from certain Magnoliidae families, e.g., the Fumariaceae, the Lauraceae, or the Papaveraceae. Iseluxine, the "missing link" in the biosynthesis of these methyl derivatives from dopamine, is the first isoquinolinone alkaloid characterized by a catechol substructure.