NF-KB and angiogenesis inhibitors from the aerial parts of Chresta martii

Marcos Marçal F. Queiroz,^{†,§} Aymeric Monteillier,^{**†} Sarah Berndt,^{**†} Laurence Marcourt,[†] Gilles Carpentier,[£] Muriel Cuendet,[†] Vanderlan da Silva Bolzani,[§] Maria Bernadete S. Maia,[⊥] Emerson Ferreira Queiroz,^{*†} and Jean-Luc Wolfender[†]

[†] School of Pharmaceutical Sciences, University of Geneva, University of Lausanne, Rue Michel-Servet 1, CH-1211 Geneva 4, Switzerland.

[⊥] Pharmacology of Bioactive Products, Federal University of Pernambuco, UFPE, Postal code 50670-901, Recife, Pernambuco, Brazil.

[§] Núcleo de Bioensaios, Biossíntese e Ecofisiologia de Produtos Naturais, NuBBE, Instituto de Química, UNESP, Araraquara, São Paulo, Brazil.

[£] Laboratoire CRRET, Faculté des Sciences et Technologie, Université Paris Est Créteil, Créteil Cedex, France.

**These authors contributed equally to the work



Figure S1. (A) HPLC-PDA-ELSD analysis of the ethyl acetate extract of the aerial parts of *C. martii*. B) HSCCC-UV separation of the ethyl acetate extract of the aerial parts of *C. martii*. B) HPLC-UV-ELSD control of the HSCCC fractions.



Figure S2. Endothelial metabolic activity. Cytostatic effects of the isolated compounds 1, 2, 3, 5, 7, 8,
11, 12 and 14 on endothelial cells at 1 μg/ml after 24 h of treatment.







Figure S8. ¹H NMR spectrum of Compound 6 in DMSO-*d*₆ at 500 MHz (Bruker).



Figure S10. Edited-HSQC NMR spectrum of compound 6 in DMSO-d₆.



Figure S11. HMBC NMR spectrum of compound 6 in DMSO-*d*₆ at 500 MHz (Bruker).









