

Publication**A Synthetic Entry into the Taiwaniquinoids Based on a Biogenetic Hypothesis : Total Synthesis of (-)-Taiwaniquinone H****JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)****ID** 462464**Author(s)** Jana, C. K.; Scopelliti, R.; Gademann, K.**Author(s) at UniBasel** [Gademann, Karl](#) ;**Year** 2010**Title** A Synthetic Entry into the Taiwaniquinoids Based on a Biogenetic Hypothesis : Total Synthesis of (-)-Taiwaniquinone H**Journal** Chemistry - A European Journal**Volume** 16**Number** 26**Pages / Article-Number** 7692-7695**Keywords** natural products, protecting-group-free synthesis, rearrangement, terpenes, total synthesis
Less carbon: Following a biogenetic proposal, the unusual 6-5-6 carbon skeleton of C19 taiwaniquinoids was obtained by an intramolecular benzilic acid rearrangement from a C20 precursor. A protecting-group-free total synthesis then allowed for the preparation of (–)-taiwaniquinoneH (see scheme).**Publisher** Wiley**ISSN/ISBN** 0947-6539 ; 1521-3765**edoc-URL** <http://edoc.unibas.ch/dok/A5841598>**Full Text on edoc** Restricted;**Digital Object Identifier DOI** 10.1002/chem.201001085**PubMed ID** <http://www.ncbi.nlm.nih.gov/pubmed/20533471>**ISI-Number** WOS:000280431900005**Document type (ISI)** Article