

Publication

A short route to alpha -tocopherol

JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

ID 163248

Author(s) Liu, Kegang; Chougnnet, Antoinette; Woggon, Wolf-D

Author(s) at UniBasel [Woggon, Wolf-Dietrich](#) ;

Year 2008

Title A short route to alpha -tocopherol

Journal Angewandte Chemie. International edition in English

Volume 47

Number 31

Pages / Article-Number 5827-9

Keywords aldol reaction, decarboxylation, diastereoselectivity, Michael addition, vitamins

A simple and practical route to **alpha**-tocopherol (I) is described.ã The key step is a remarkably diastereoselective domino aldol/oxa-Michael reaction, which is promoted by a proline deriv.

Publisher VCH

ISSN/ISBN 1521-3773

edoc-URL <http://edoc.unibas.ch/dok/A5260122>

Full Text on edoc No;

Digital Object Identifier DOI 10.1002/anie.200801765

PubMed ID <http://www.ncbi.nlm.nih.gov/pubmed/18576461>

ISI-Number WOS:000257963900027

Document type (ISI) Journal Article