

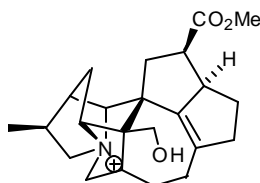
Trauner Group Meeting

Date: 8/14/03

Speaker: Stefan Gradl (Selective Recognition of Potassium Channels by Rationally Designed Fourfold Symmetric Ligands)

• Molecule of the Week:

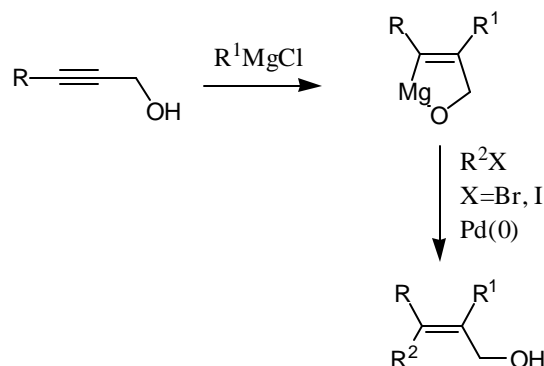
daphniglaucin A



cytotoxic quaternary alkaloids with a new skeleton, such as daphniglaucin A, have been isolated from *Daphniphyllum glaucescens*

J. Kobayashi et al., *Org. Lett.*, 2003, 5, 1733

• Reaction/Method of the Week:

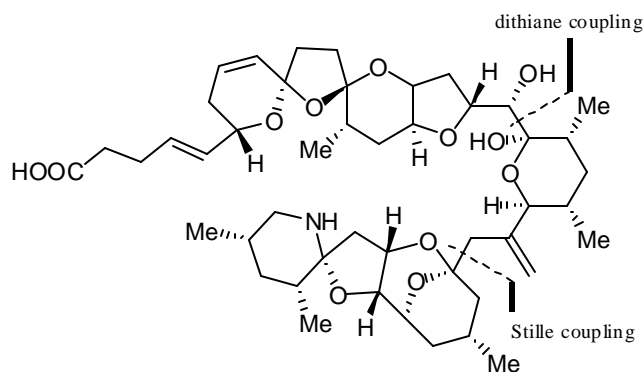


Tetrasubstituted Alkenes and Dienes via a Regio- and Stereospecific Three-Component Magnesium Carbometalation Palladium(0) Cross-Coupling Strategy

Pierre E. Tessier, Andrea J. Penwell, Fabio E. S. Souza, and Alex G. Fallis
Org. Lett. **2003**, ASAP

• Synthesis of the Week:

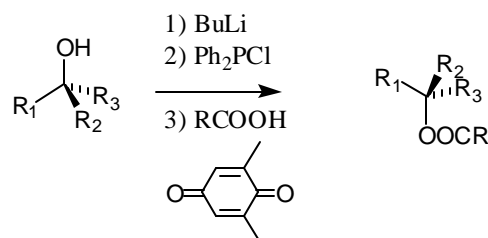
Total Synthesis of the Proposed Azaspiracid-1 Structure



K.C. strikes again - but the structure - once again - has been misassigned (should be a minor change though)

Nicolaou et. al. (+9!), *ACIEE* **2003**, 3637-3653 (3 papers)

• Problem (or Numbers) of the Week:



Inversion of tertiary alcohols

Highest Man-Made Temperature
The highest man-made temperature was 520 million K. It was achieved by the JT-60 (JAERI Tokamak-60) reactor at the Naka Fusion Research Establishment, Nakamachi, Ibaraki prefecture, Japan, on 19 July 1996.

Average time in between putting on your socks in the morning:
8.6 minutes

• Future order: ???