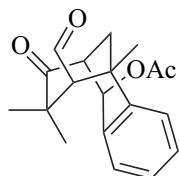


Heathcock-Trauner Group Meeting

Date: Tuesday, April 10, 2001

Speaker: Chip Blazey - *quinine syntheses*

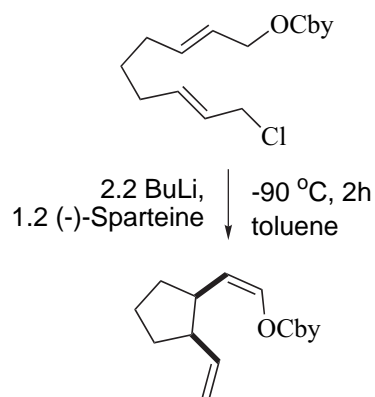
Molecule of the Week:



obtusanal

Kuo and Chen, *Tet. Lett.*, **2001**, 2985

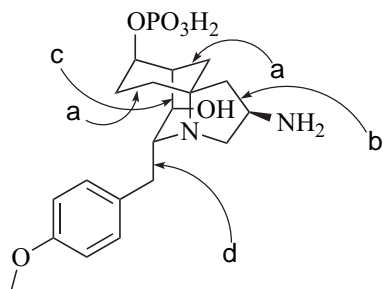
Reaction of the Week:



90% yield, 80% ee

Dieters and Hoppe, *J. Org. Chem.*, ASAP

Synthesis of the Week:



FR901483

C-C forming steps:

- Diels-Alder
- intramol. acetamide aldol cond.
- intramol. aldol (acid cat.)
- ketone alkylation

Maeng & Funk, *Org. Lett.*, ASAP

Problem of the Week:

- Propose a synthesis of obtusanal
- What are its biosynthetic origins?

website of the week: <http://www.bris.ac.uk/Depts/Chemistry/MOTM/silly/sillymols.htm>
"silly" names for molecules -- good for a chuckle