

# The Daniel Swern Memorial Lecture

Monday, April 13, 2009 4:00 p.m.

Department of Chemistry, Temple University  
Beury Hall Rm. 160, 1901 N. 13th St., Philadelphia, PA

## New Synthetic Methods and Strategies to Bioactive Targets

### Barry M. Trost

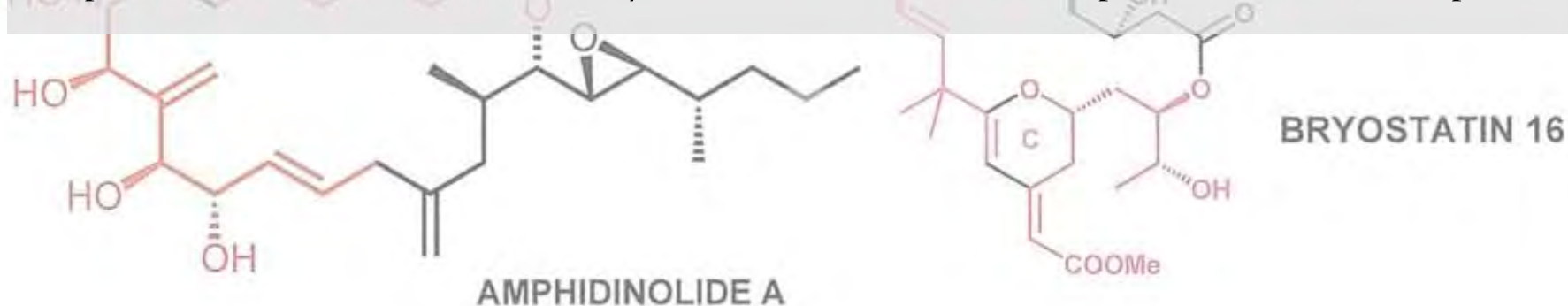
Tamaki Professor of  
Humanities and Sciences  
*Stanford University*



LAULIMALIDE

Professor Trost's wide-ranging research in organic synthesis is recognized for its extraordinarily novel methodologies. His pioneering work in bond selectivity led to such discoveries as the Trost asymmetric allylic alkylation, Tsuji Trost reaction and the Trost ligand.


His talk, *On the Invention of New Synthetic Methods and Their Impact On Synthetic Strategy to Bioactive Targets*, will cover novel reactions that are more selective and more atom economic. Ruthenium and palladium catalyzed processes will be explored as more efficient synthetic strategies to complex bioactive natural products. A strategy for the synthesis of the amphidinolide, laulimalide, and bryostatin families reveals the power of these concepts.



Free Parking available in Lot #1. For more information please visit:

<http://www.temple.edu/cst/nmr/swern/>

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