

Contents lists available at [SciVerse ScienceDirect](http://www.sciencedirect.com)

Tetrahedron

journal homepage: www.elsevier.com/locate/tet

Tetrahedron Vol. 69, Issue 36, 2013

Tetrahedron Symposium-in-Print Number 165

2012 Tetrahedron Prize for Creativity in Organic Chemistry, Organic Synthesis: Applications to Biology, Medicine, and Materials, Paul A. Wender

Guest editor: Stephen F. Martin

The Department of Chemistry and Biochemistry, The University of Texas at Austin, 1 University Station A5300, Austin, TX 78712, USA

Contents

Tetrahedron Symposia-in-Print

The 2012 Tetrahedron Prize For Creativity In Organic Chemistry

Paul A. Wender – brief biosketch

pp 7523–7526

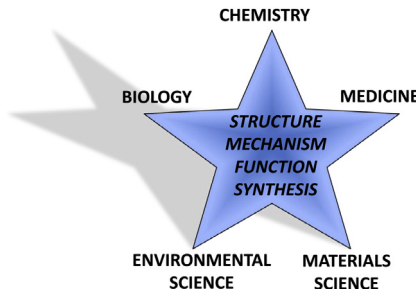
p 7527

p 7528

Toward the ideal synthesis and transformative therapies: the roles of step economy and function oriented synthesis

Paul A. Wender

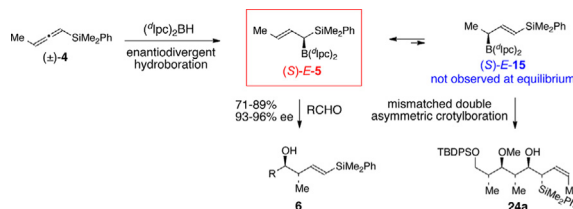
pp 7529–7550



Reprint of: Enantiodivergent hydroboration reactions of a racemic allenylsilane with diisopinocampheylborane and Curtin–Hammett controlled double asymmetric crotylboration reactions of (*S*)-*E*- α -phenyldimethylsilyl(^ddiisopinocampheyl)-crotylboration

Ming Chen, William R. Roush*

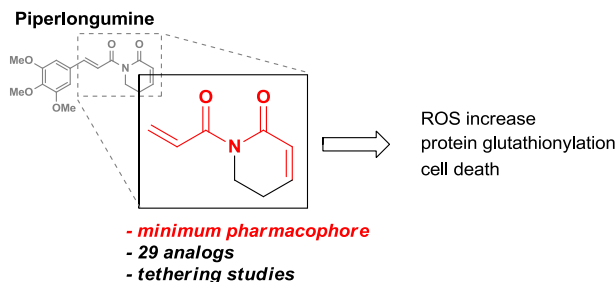
pp 7551–7558



Synthesis of piperlogs and analysis of their effects on cells

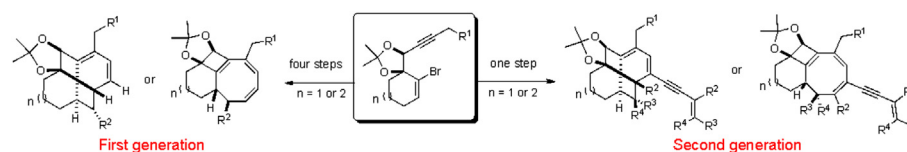
pp 7559–7567

Zarko V. Boskovic, Mahmud M. Hussain, Drew J. Adams, Mingji Dai, Stuart L. Schreiber*

**Expeditious cascade reactions: controlled syntheses of fenestradienes and cyclooctatrienes under palladium catalysis**

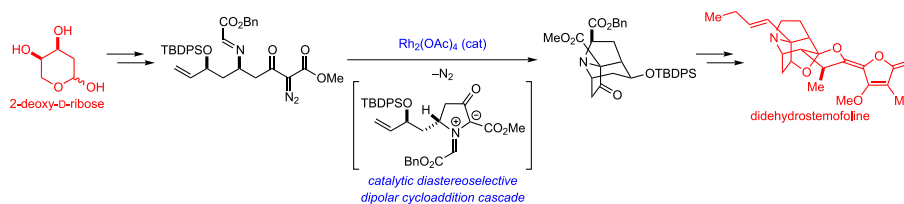
pp 7568–7591

Mélanie Charpenay, Aicha Boudhar, Catherine Hulot, Gaëlle Blond, Jean Suffert*

**Asymmetric formal total synthesis of the stemofoline alkaloids: the evolution, development, and application of a catalytic dipolar cycloaddition cascade**

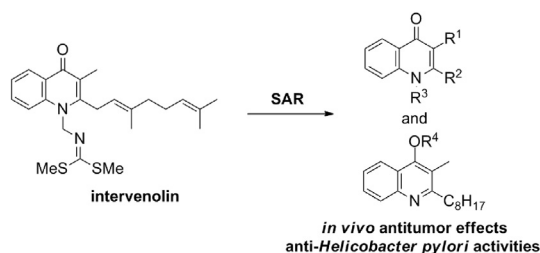
pp 7592–7607

Charles S. Shanahan, Chao Fang, Daniel H. Paull, Stephen F. Martin*

**Structure–activity relationship study of intervenolin derivatives: synthesis, antitumor, and anti-*Helicobacter pylori* activities**

pp 7608–7617

Hikaru Abe, Manabu Kawada*, Hiroyuki Inoue, Shun-ichi Ohba, Tohru Masuda, Chigusa Hayashi, Masayuki Igarashi, Akio Nomoto, Takumi Watanabe*, Masakatsu Shibasaki*



Download English Version:

<https://daneshyari.com/en/article/5216900>

Download Persian Version:

<https://daneshyari.com/article/5216900>

[Daneshyari.com](https://daneshyari.com)