

ARKIVOC Volume 2010

Part (viii): Commemorative Issue in Honor of Dr. Bruce E. Maryanoff on the occasion of his outstanding contributions to organic chemistry as an industrial chemist and Dr. Cynthia A Maryanoff on the occasion of her outstanding contributions to organic chemistry as an industrial chemist

Facilitators: William Alvin Kinney and Ahmed F. Abdel-Magid

Scientific Editor: Anthony Waring

1. A Tribute to Dr. Bruce E. Maryanoff (BM-1445HT)

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published Feb 5 2010;

2. A Tribute to Dr. Cynthia A. Maryanoff (BM-1444HT)

Full Text: [PDF \(137K\)](#)

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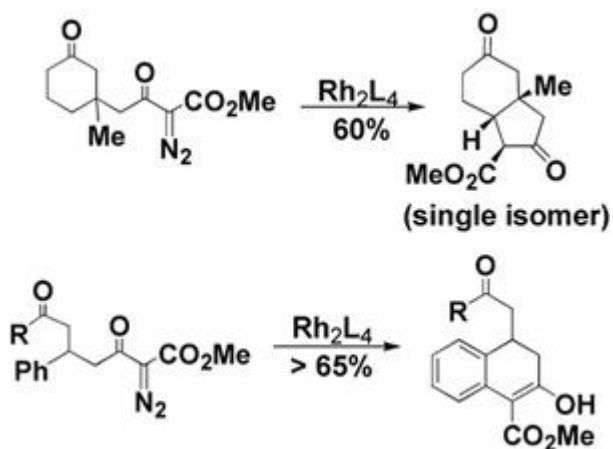
published Feb 5 2010;

3. Chemoselectivity in dirhodium(II) catalyzed reactions of diazoacetoacetates prepared from α,β -unsaturated ketones (BM-4754HP)

Michael P Doyle and Yu Zhang

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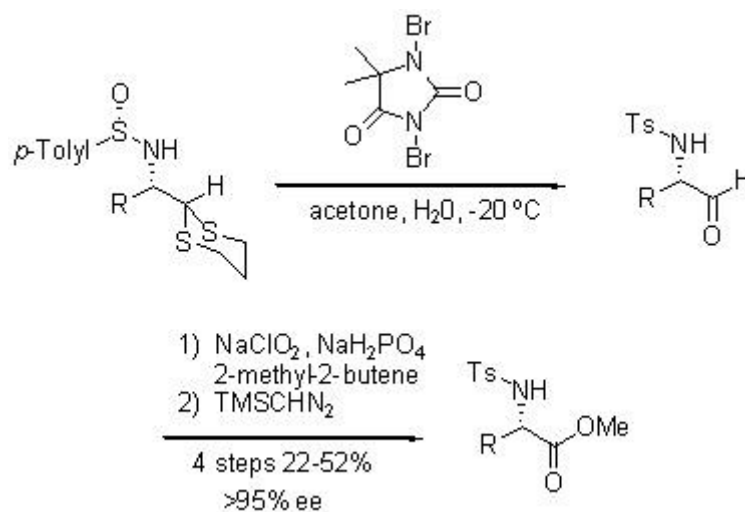
received Nov 18 2009; accepted Jan 27 2010; published Feb 21 2010;

4. Asymmetric synthesis of *N*-tosyl amino acids from *N*-sulfinyl α -amino-1,3-dithioketals (BM-5045HP)

Franklin A. Davis, Tokala Ramachandar, Jing Chai and Hiu Qiu

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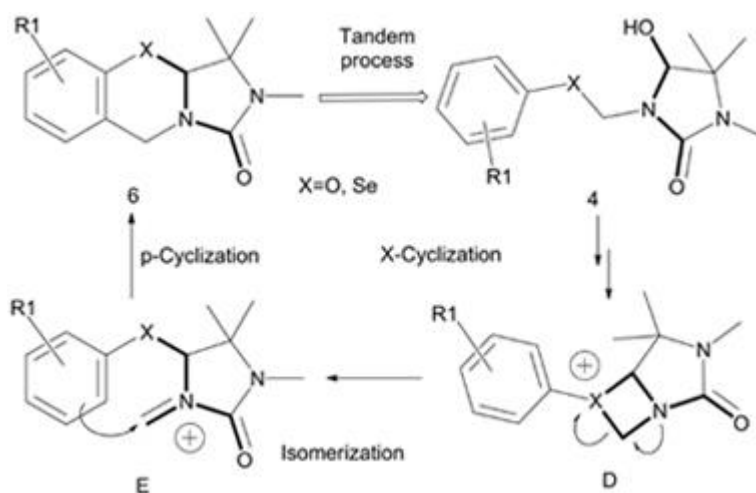
received Jan 29 2010; accepted Feb 1 2010; published Feb 21 2010;

5. Use of the cascade α -oxo-amidoalkylation/transposition/ *p*-cationic cyclization of *N*-acyliminium ions in the synthesis of novel fused heterocyclic *N,O*-acetals (BM-4736HP)

Adam Dañch, Anthony Pesquet and Luc Van Hijfte

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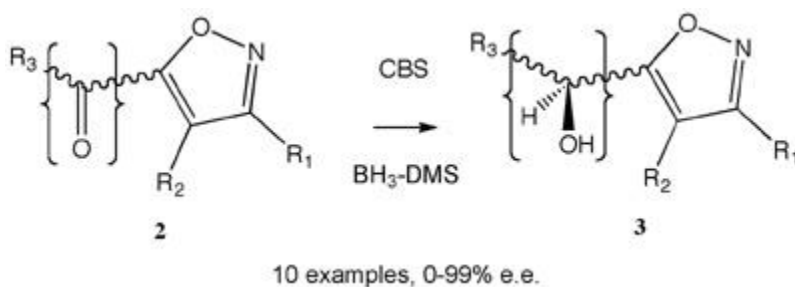
received Nov 14 2009; accepted Jan 17 2010; published Mar 10 2010;

9. Preparation of chiral isoxazole carbinols *via* catalytic asymmetric Corey-Bakshi-Shibata reduction.
(BM-4842HP)

Nicholas R. Natale, Kevin C. Rider, David J. Burkhart, Chun Li, Andrew R. McKenzie and Jared K. Nelson

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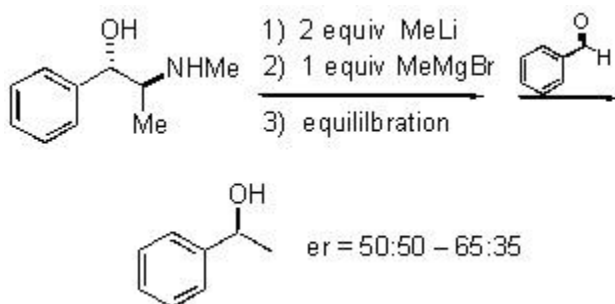
received Dec 7 2009; accepted Apr 2 2010; published Apr 16 2010;

10. Asymmetric addition of chiral methylmagnesium alkoxides to benzaldehyde (BM-4903HU)

William F. Bailey and Mark R. Luderer

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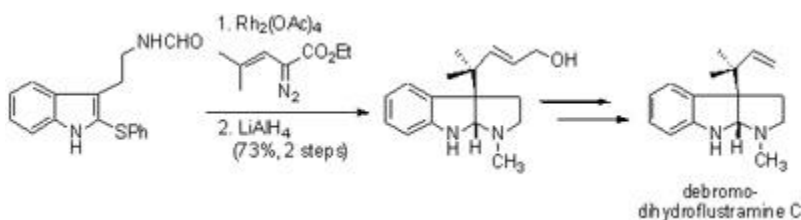
received Dec 21 2009; accepted Apr 2 2010; published Apr 16 2010;

11. Synthesis of the debrominated analog of dihydroflustramine C utilizing a sulfur ylide-initiated thio-Claisen rearrangement (BM-4822HP)

Amir Sabahi and Jon D. Rainier

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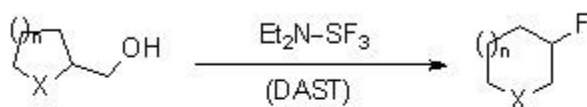
12. Ring enlargement and ring contraction induced by DAST (BM-5021HR)

Haidy Ferret, Ingrid D'Amico, Domingo Gomez Pardo, Luc Van Hijfte, and Janine Cossy

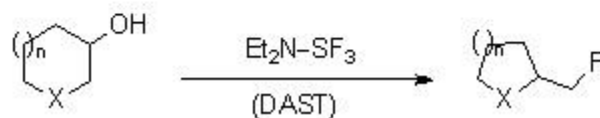
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Ring expansion



Ring contraction



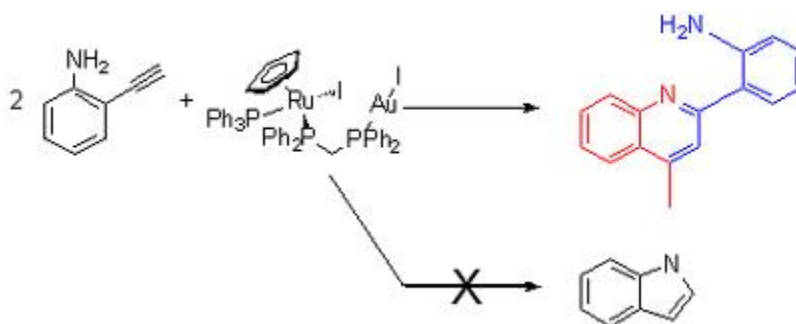
received Jan 22 2010; accepted Apr 8 2010; published Apr 16 2010;

13. Dimerization of ethynylaniline to a quinoline derivative using a ruthenium/gold heterobimetallic catalyst (BM-4809HP)

Phillip A. Shelton, Casie R. Hilliard, Michael Swindling and Lisa McElwee-White

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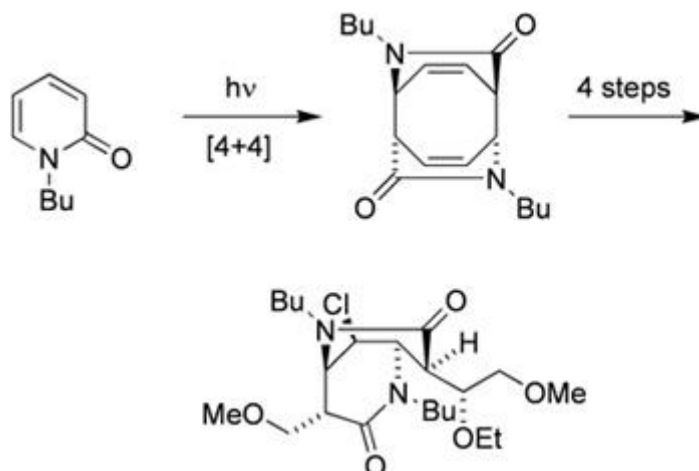
received Nov 30 2009; accepted Apr 9 2010; published Apr 20 2010;

14. Unraveling the stereochemically rich 2-pyridone [4+4] photodimer (BM-5056HP)

Peiling Chen, Patrick J. Carroll and Scott McN. Sieburth

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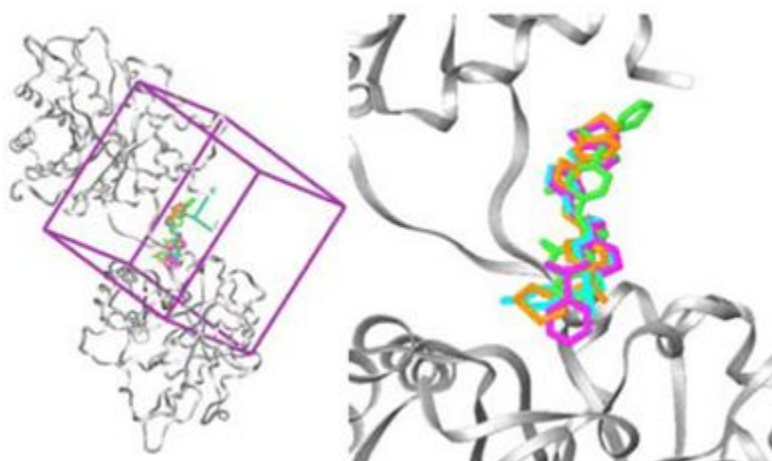
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15. *Pseudomonas aeruginosa* porphobilinogen synthase assembly state regulators: hit discovery and initial SAR studies (BM-5171HP)

Allen B. Reitz, Ursula D. Ramirez, Linda Stith, Yanming Du, Garry R. Smith and Eileen K. Jaffe

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16. Evolution of amide bond formation (BM-4806HR)

Madeleine M Joullie and Kenneth M Lassen

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A review with 111 references

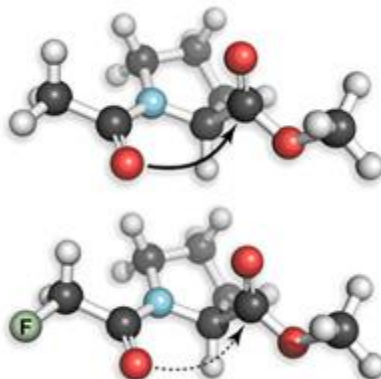
received Nov 30 2009; accepted Apr 9 2010; published Jun 30 2010;

17. Modulation of an $n \rightarrow \pi^*$ interaction with α -fluoro groups (BM-5071HP)

Amit Choudhary, Charles G. Fry and Ronald T. Raines

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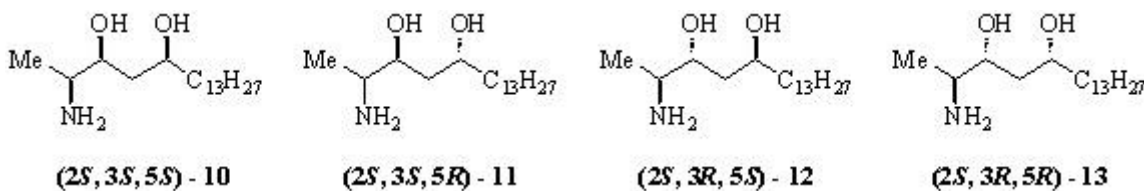
received Feb 5 2010; accepted Jun 4 2010; published Jul 8 2010;

18. An efficient asymmetric synthesis of enigmols (1-deoxy-5-hydroxysphingoid bases), an important class of bioactive lipid modulators (BM-4907HP)

Anatoliy S. Bushnev, Mark T. Baillie, Jason J. Holt, David S Menaldino, Alfred H. Merrill Jr. and Dennis C. Liotta

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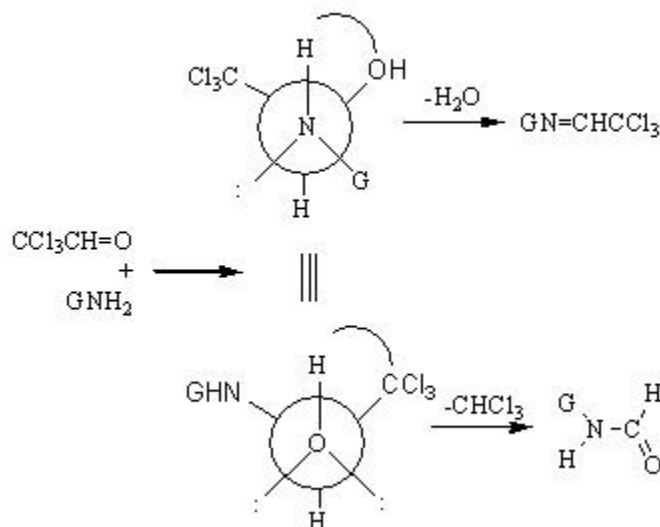
received Dec 22 2009; accepted Apr 21 2010; published Aug 3 2010;

19. The Hoffmann-Schiff dichotomy: on the reaction between chloral and amines (BM-5557HU)

Linda M. Mascavage, John Tierney, Philip E. Sonnet and David R. Dalton

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