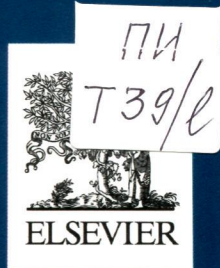


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# Tetrahedron Letters

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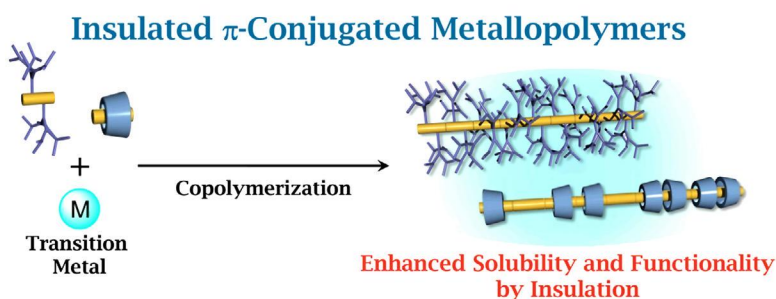
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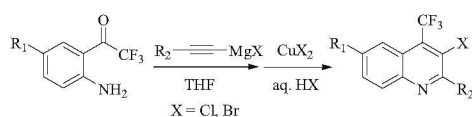


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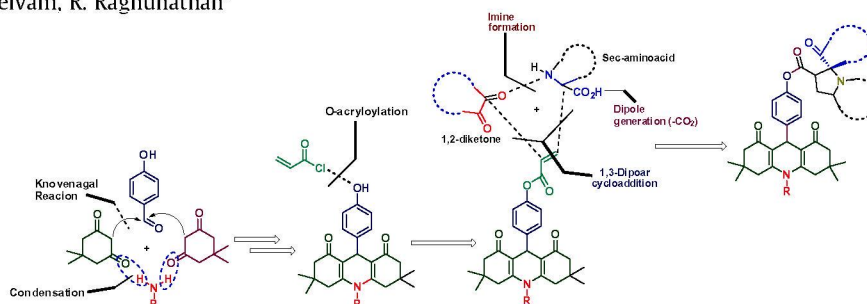
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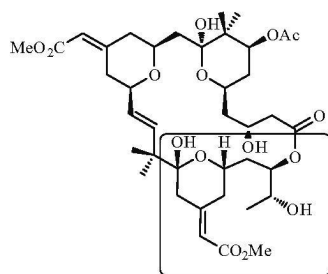
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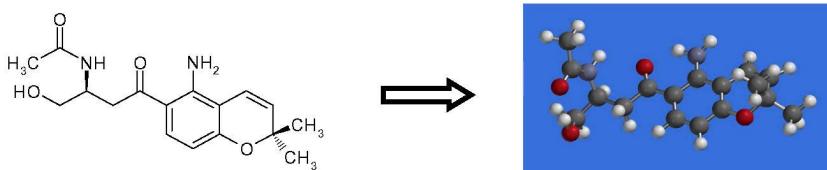
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Bryostatin 11

**Banchromene and other secondary metabolites from the endophytic fungus *Fusarium* sp. obtained from *Piper guineense* inhibit the motility of phytopathogenic *Plasmopara viticola* zoospores**

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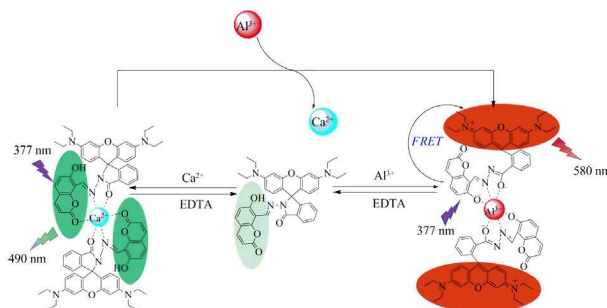


A new chromene, (*S*)-banchromene (**1**), together with seven known compounds, were isolated from a culture of *Fusarium* sp. strain CAMKT24b1, an endophytic fungus from the leaves and twigs of *Piper guineense* (Piperaceae). Its structures were elucidated on the basis of their spectroscopic data; the absolute configuration of **1** was determined by *ab initio*-calculation of the optical rotation.

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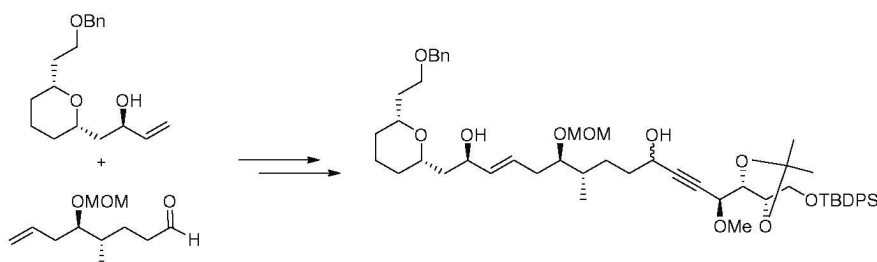
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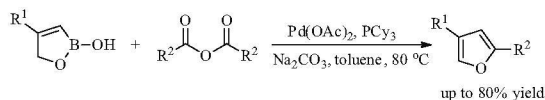
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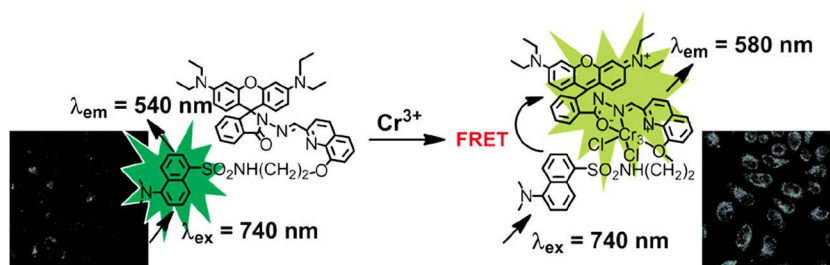
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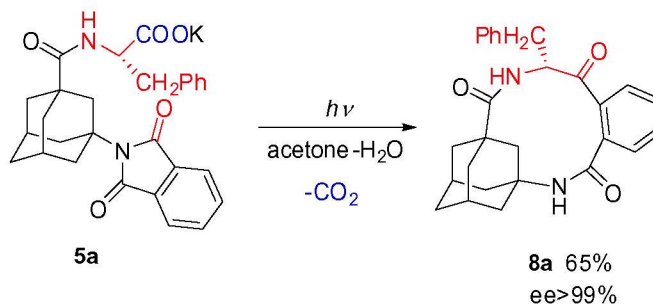
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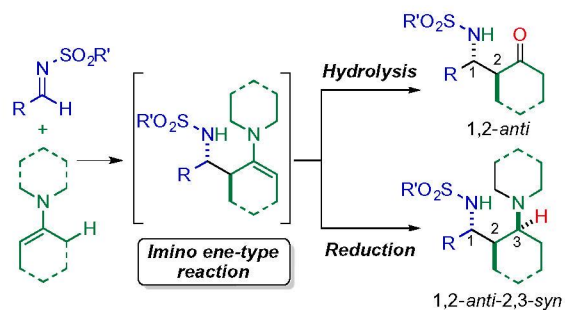
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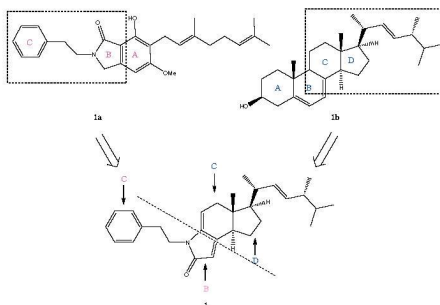
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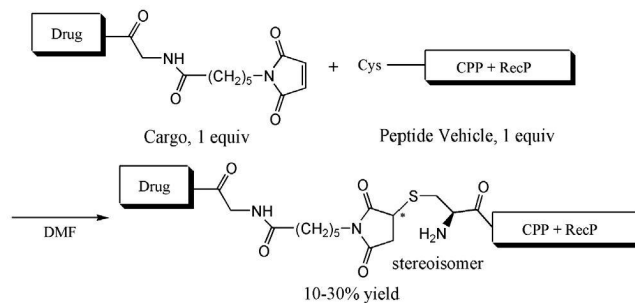
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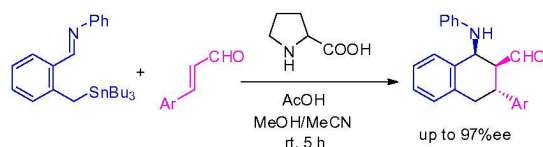
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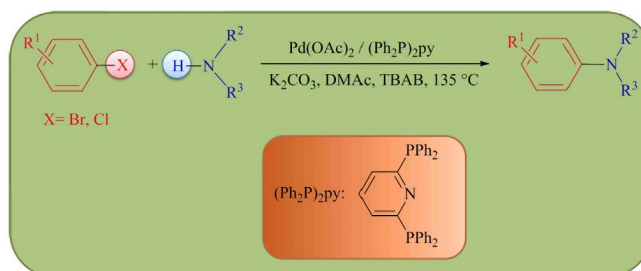
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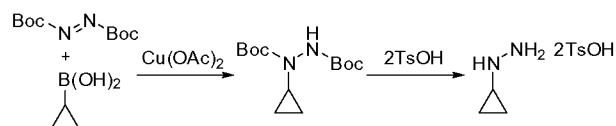
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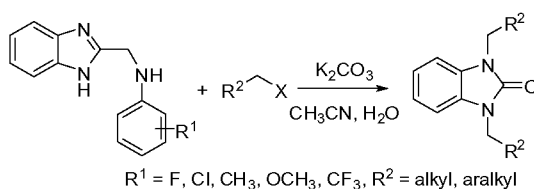
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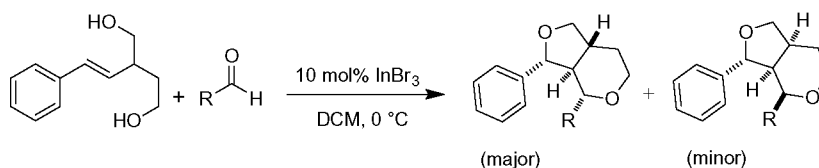
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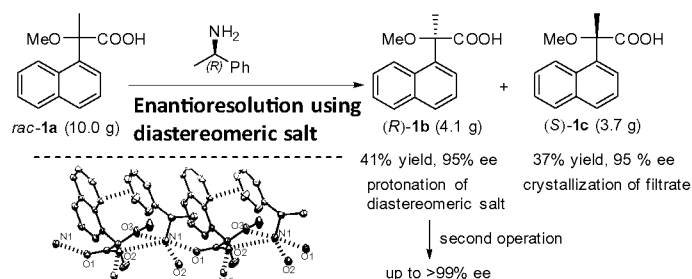
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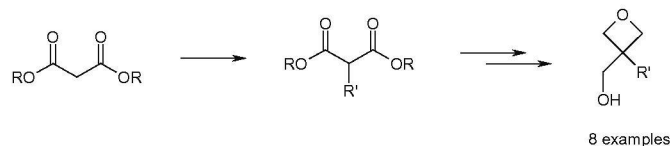
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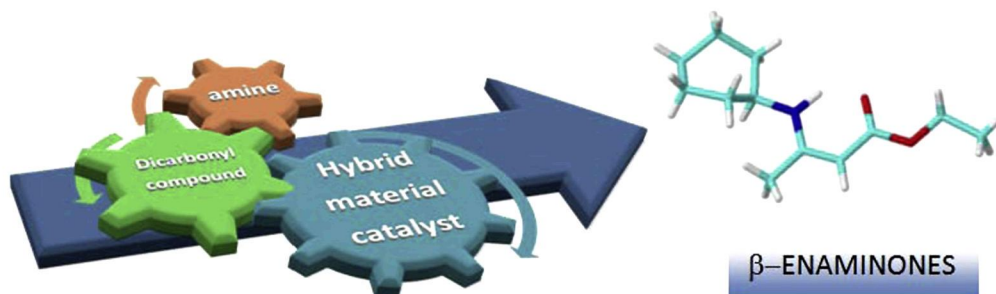
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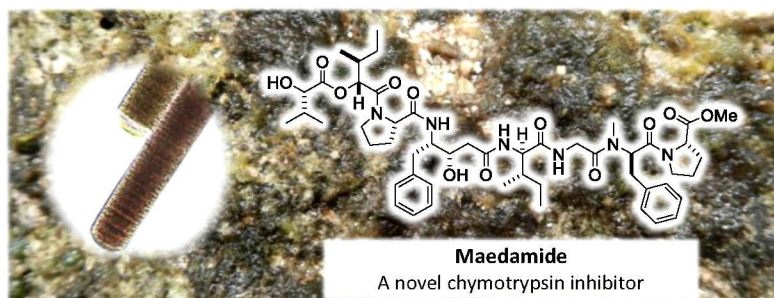
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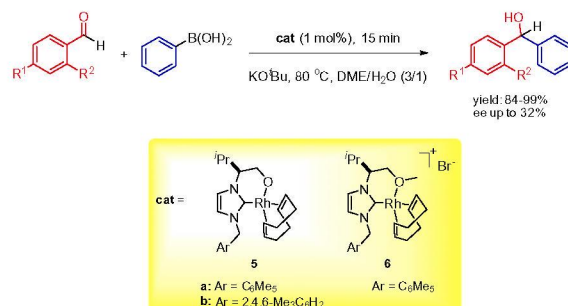
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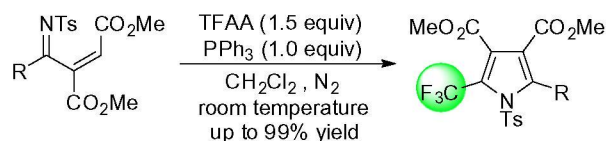
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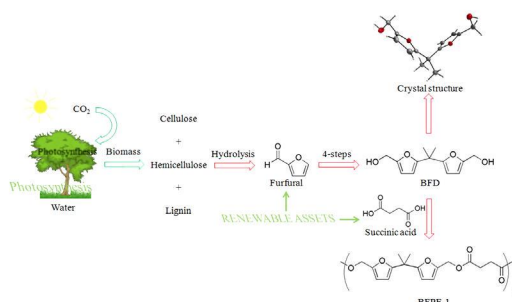
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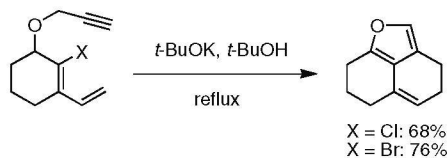
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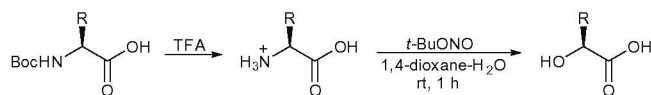


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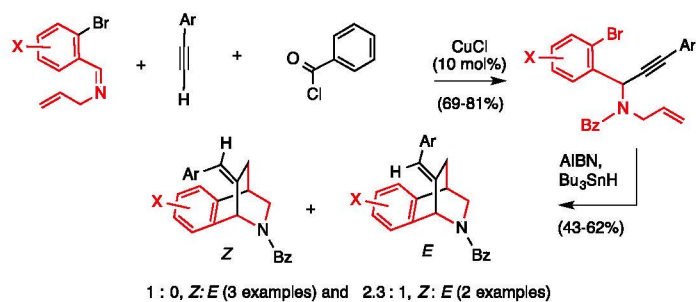
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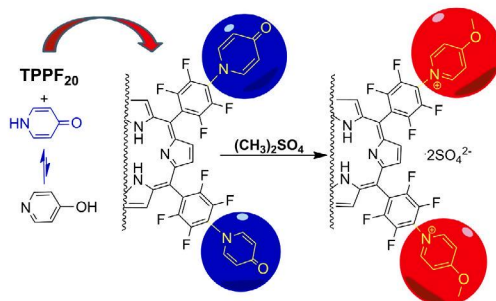
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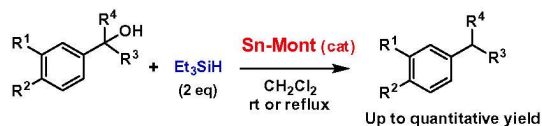
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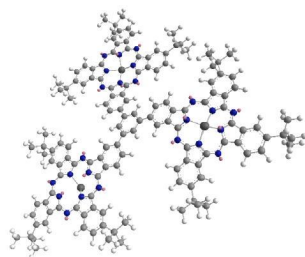
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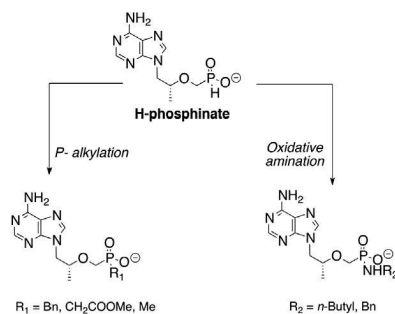
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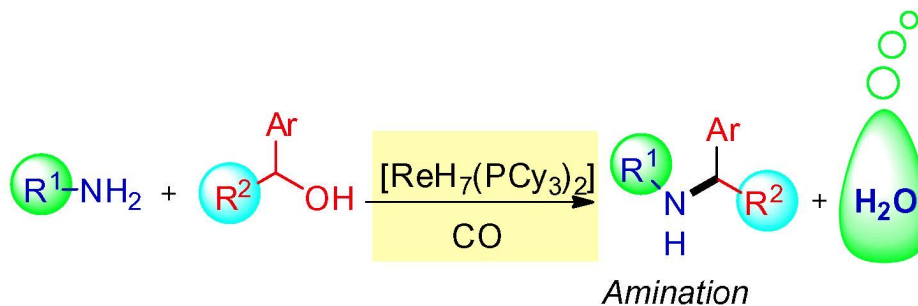
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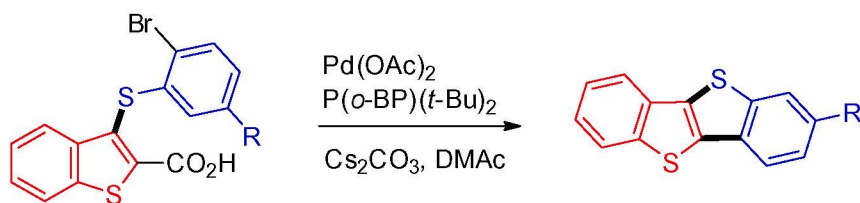
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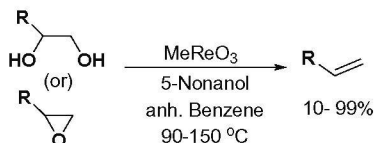


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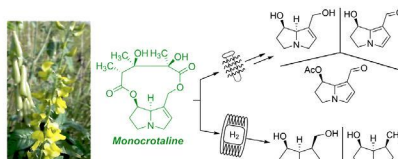
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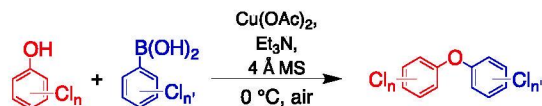
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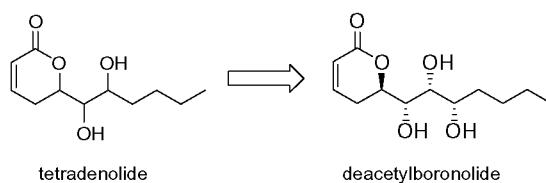
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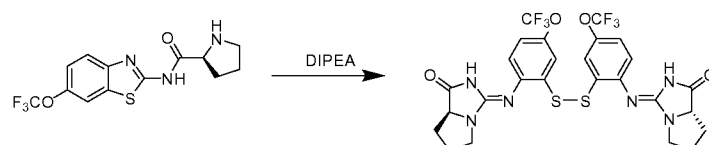
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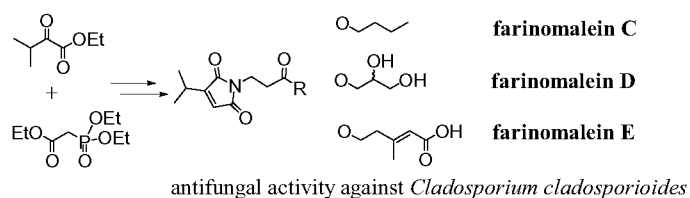
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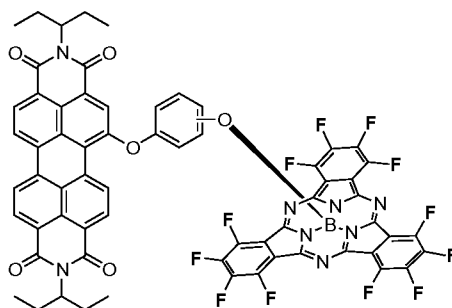
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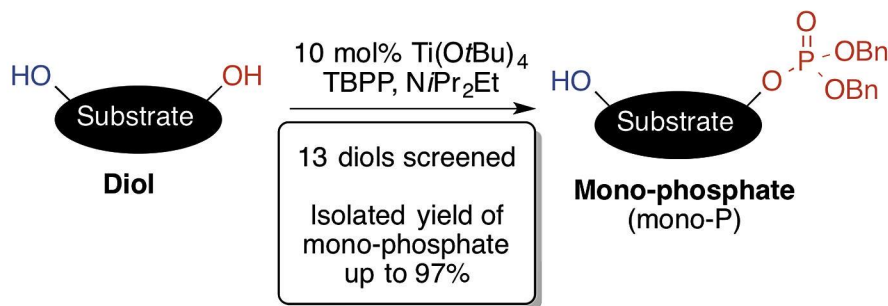
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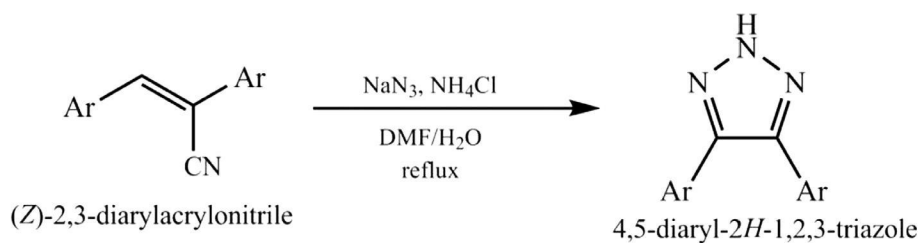
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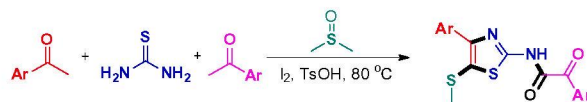
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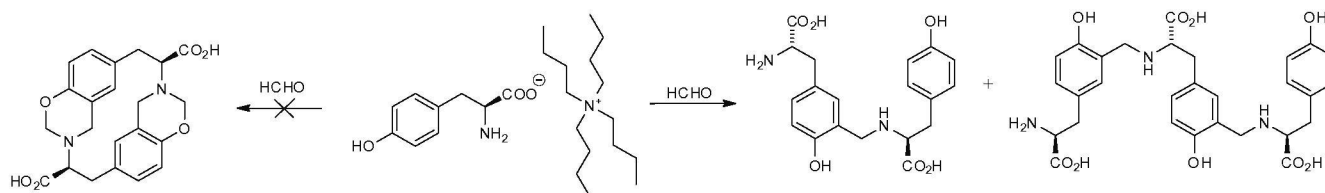
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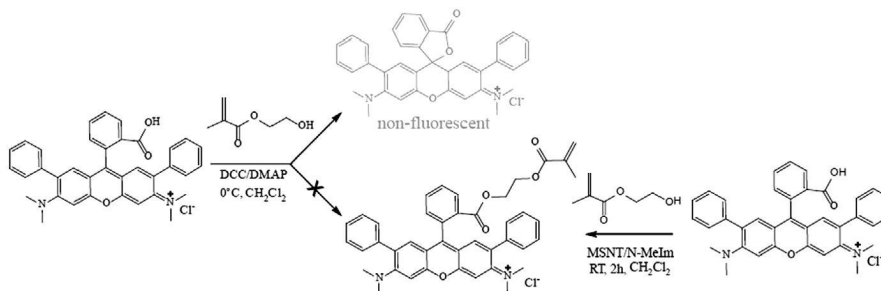
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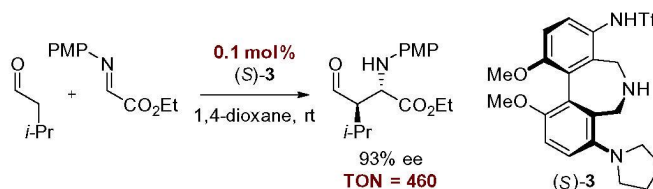
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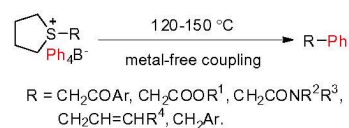
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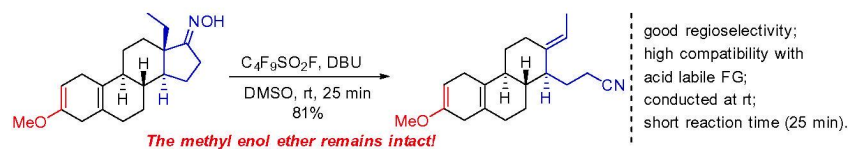
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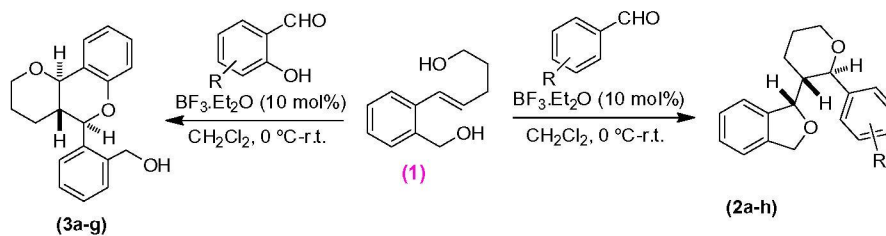
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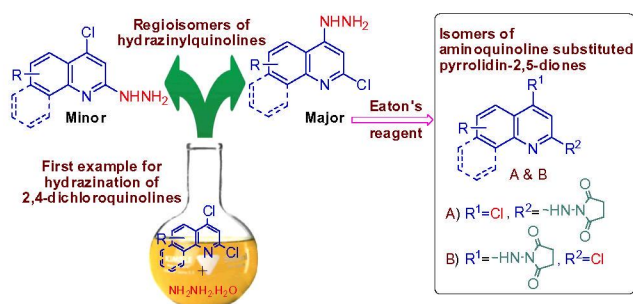
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Ch. Syama Sundar, M. Ramana Reddy, B. Sridhar, S. Kiran Kumar, C. Suresh Reddy, B. V. Subba Reddy\*


**Highly regioselective C4-hydrazinylation of 2,4-dichloroquinolines: expedient synthesis of aminoquinoline substituted pyrrolidin-2,5-diones**

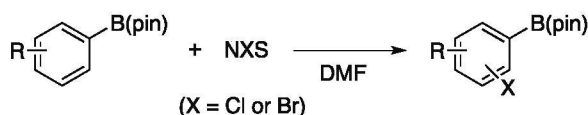
pp 4240–4244

Gopal Senthil Kumar, Matthias Zeller, Rajesh Ghanshyam Gonnade, Karnam Jayarampillai Rajendra Prasad\*


**Metal-free halogenation of arylboronate with *N*-halosuccinimide**

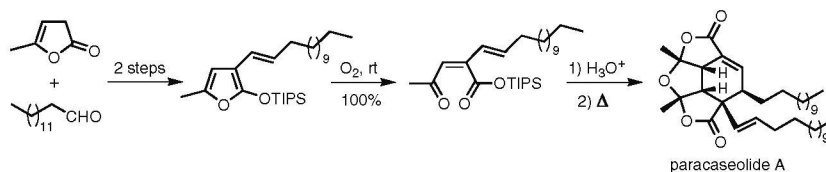
pp 4245–4247

Toshiyuki Kamei\*, Aoi Ishibashi, Toyoshi Shimada\*


**Streamlined biomimetic synthesis of paracaseolide A via aerobic oxidation of a 2-silyloxyfuran**

pp 4248–4250

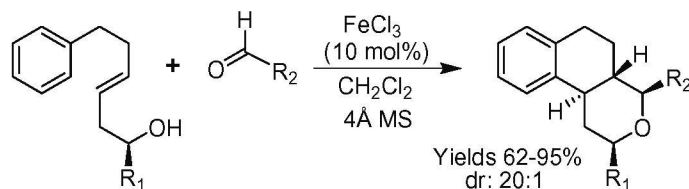
John Boukouvalas\*, Marc-Alexandre Jean



**FeCl<sub>3</sub>-catalyzed tandem Prins and Friedel–Crafts cyclization: a highly diastereoselective route to polycyclic ring structures**

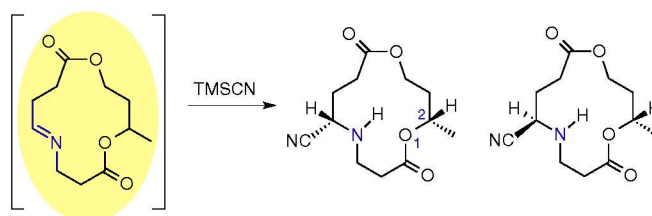
pp 4251–4254

Arun K. Ghosh\*, Chad Keyes, Anne M. Veitschegger

**Synthesis, structure and reactivity of a macrocyclic imine: aza-[13]-macrodilolides**

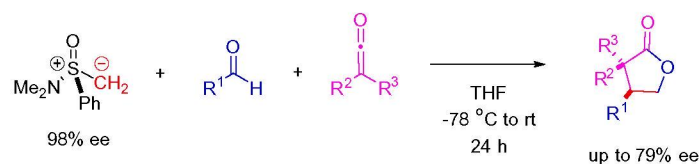
pp 4255–4259

Jun Ma, Raghu Vannam, Daniel W. Terwilliger, Mark W. Pecuh\*

**Asymmetric synthesis of  $\gamma$ -lactones through reaction of sulfoxonium ylides, aldehydes, and ketenes**

pp 4260–4263

Nicholas J. Peraino, Han-Jen Ho, Mukulesh Mondal, Nesson J. Kerrigan\*

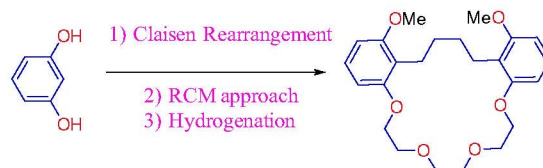


A method for the enantioselective synthesis of  $\gamma$ -lactones through the reaction of enantioenriched sulfoxonium ylides, aldehydes, and ketenes was developed. Enantioenriched (98% ee) aminosulfoxonium ylide was subjected to reaction with a variety of aldehydes (both aromatic and aliphatic) and disubstituted ketenes, leading to the formation of  $\alpha,\beta$ -substituted  $\gamma$ -lactones in moderate to very good diastereoselectivity (dr up to 95:5) and with enantiomeric excesses of up to 79% ee.

**Diversity-oriented approach to cyclophanes via Claisen rearrangement and ring-closing metathesis as key steps**

pp 4264–4268

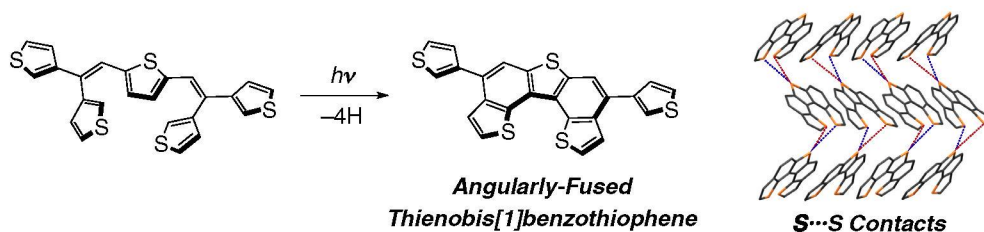
Sambasivarao Kotha\*, Gopalkrushna T. Waghule





**One-pot photochemical synthesis of novel thienobis[1]benzothiophene with an angularly-fused structure that promotes unique intermolecular S...S contacts in the crystalline state** pp 4269–4273

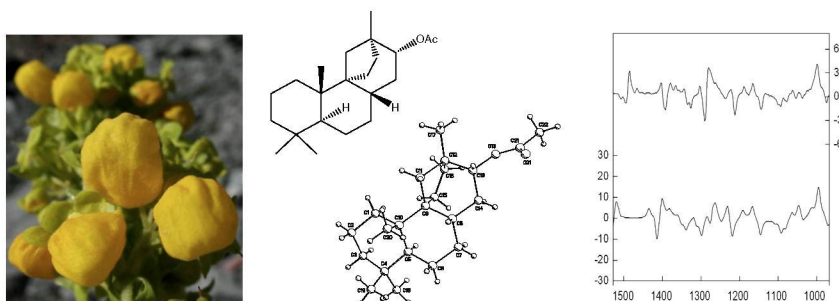
Takuya Ogaki, Eisuke Ohta, Atsushi Yamamoto, Hiroyasu Sato, Kazuhiko Mizuno, Hiroshi Ikeda\*



**Absolute configuration of scopadulane diterpenes from *Calceolaria* species**

pp 4274–4277

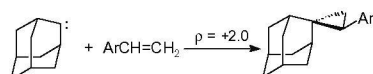
Marcelo A. Muñoz, Cristina Chamy, María A. Bucio, Angelina Hernández-Barragán, Pedro Joseph-Nathan\*



**The nucleophilicity of adamantanylidene: a Hammett study**

pp 4278–4280

Robert A. Moss\*, Hui Cang, Karsten Krogh-Jespersen\*



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Supplementary data available via ScienceDirect

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