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**Part (vii): Regional Issue 'Organic Chemistry in Argentina'**  
Facilitators: Rolando Angel Spanevello and Elba Bujan  
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**1. A Tribute to Prof. Manuel González Sierra (AG-1456ST)**

Full Text: [PDF \(115K\)](#)

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published Oct 25 2010;

**2. A Tribute to Prof. Rita H. de Rossi (AG-1455ST)**

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published Dec 9 2010;

**3. A Tribute to Prof. Oscar Santiago Giordano (AG-1454ST)**

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published Dec 19 2010;

**4. A Tribute to Prof. Julio César Podestà (AG-1453ST)**

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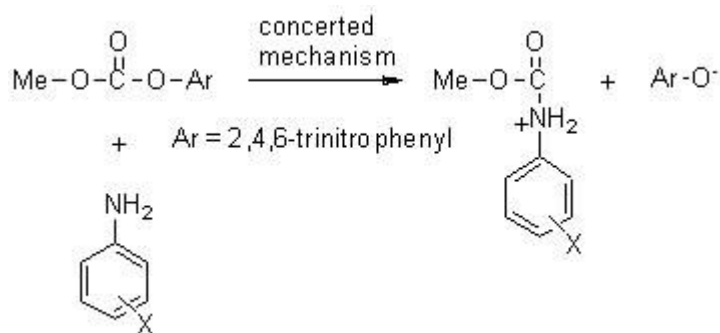
published Dec 19 2010;

**5. Kinetics and mechanism of the reactions of methyl 2,4,6-trinitrophenyl carbonate with anilines (AG-5488SP)**

*Enrique A. Castro, Margarita E. Aliaga and Jose G. Santos*

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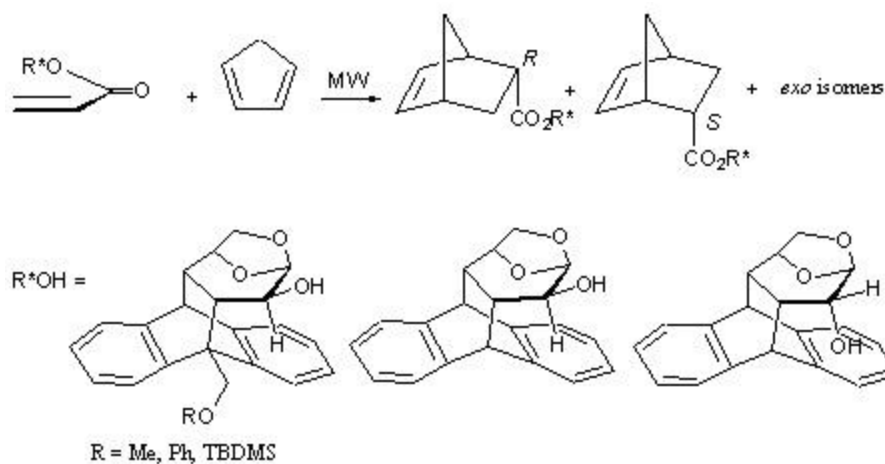
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## 6. Microwave-assisted asymmetric Diels-Alder reaction using chiral auxiliaries derived from biomass (AG-5641SP)

Ariel M. Sarotti, Rolando A. Spanevello and Alejandra G. Suñérez

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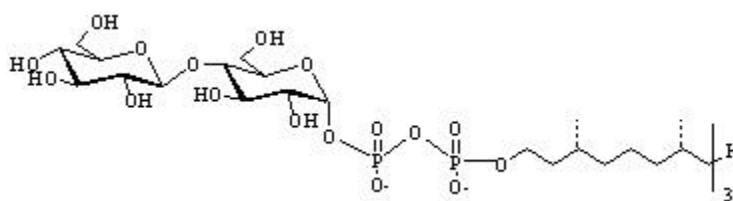
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## 7. Improved synthesis of phytanyl $\alpha$ -D-cellobiosyldiphosphate as substrate for $\alpha$ -D-mannosyltransferase (AG-5735SP)

Pablo Barrios, Luis Ielpi and Carla Marino

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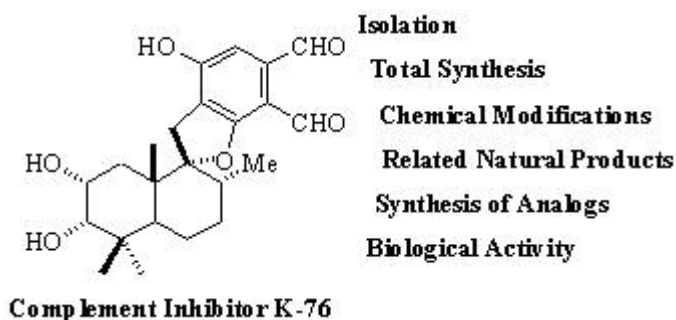
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## 8. Isolation, synthesis and complement inhibiting activity of the naturally occurring K-76, its analogues and derivatives (AG-5704SR)

*Enrique L. Larghi and Teodoro S. Kaufman*

Full Text: [PDF \(526K\)](#)

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received Jul 30 2010; accepted Oct 16 2010; published Jan 29 2011;

## 9. Solid-state structures and thermal properties of inclusion complexes of the phenylurea herbicide cycluron with permethylated cyclodextrins (AG-5715SP)

*Mino R. Caira, Dyanne L. Cruickshank and Susan A. Bourne*

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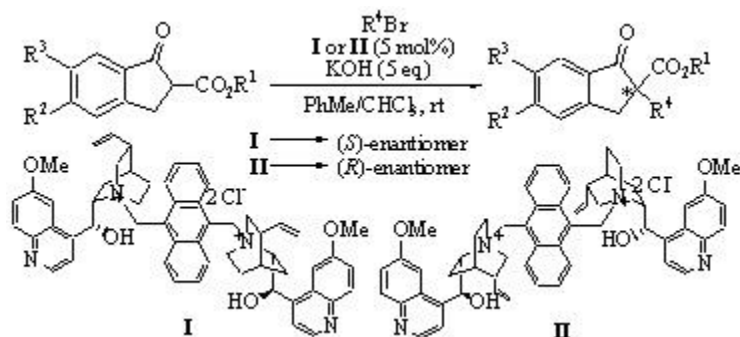
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**10. Enantioselective alkylation of  $\beta$ -keto esters promoted by dimeric *Cinchona*-derived ammonium salts as recoverable organocatalysts (AG-6085SP)**

Silvia Tarˆ, Rafael Chinchilla, Carmen Nˆijera and Miguel Yus

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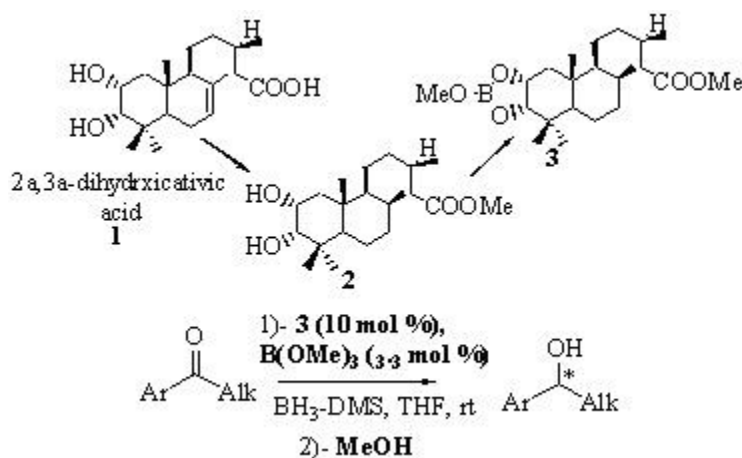
received Nov 22 2010; accepted Jan 13 2011; published Feb 4 2011;

**11. Enantioselective reduction of prochiral aryl ketones using a novel chiral auxiliary derived from a labdane diterpene (AG-5785SP)**

Diego A. Cifuentes and Carlos E. Tonn

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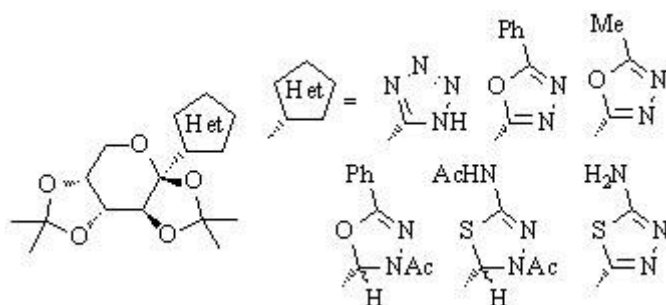
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## 12. Topiramate heterocyclic analogues: synthesis and spectroscopic characterization (AG-6051SP)

Norma Beatriz D'Accorso and Miriam Amelia Martins Alho

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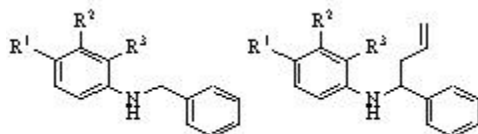
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## 13. Synthesis and antifungal activity of *N*-aryl-*N*-benzylamines and of their homoallyl analogues (AG-6071SP)

Francisco M. Garibotto, Maximiliano A. Sortino, Vladimir V. Kouznetsov, Ricardo D. Enriz and Susana A. Zacchino

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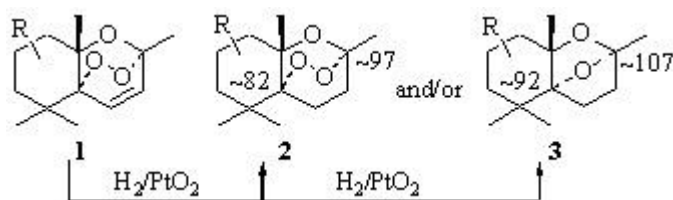
## 14. Structural characterization of strained oxacycles by <sup>13</sup>C NMR spectroscopy (AG-5508SP)

Martão J. Riveira, Agustina La-Venia and Mirta P. Mischne

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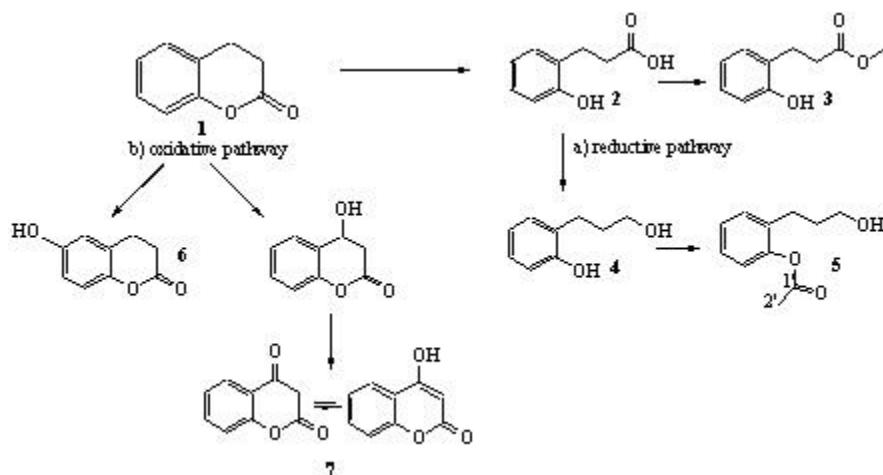
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### 15. Biotransformation of dihydrocoumarin by *Aspergillus niger* ATCC 11394 (AG-6063SP)

Celeste B. Aguirre-Pranzoni, Gabriela I. Furque, Carlos E. Ardanaz, Adriana Pacciaroni, Virginia Sosa, Carlos E. Tonn and Marcela Kurina-Sanz

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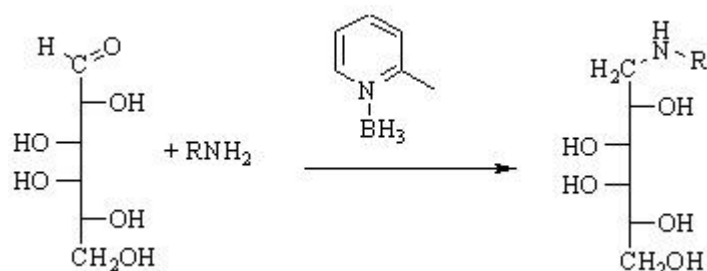
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### 16. Usage of $\alpha$ -picoline borane for the reductive amination of carbohydrates (AG-6100SP)

Vanina A. Cosenza, Diego A. Navarro and Carlos A. Stortz

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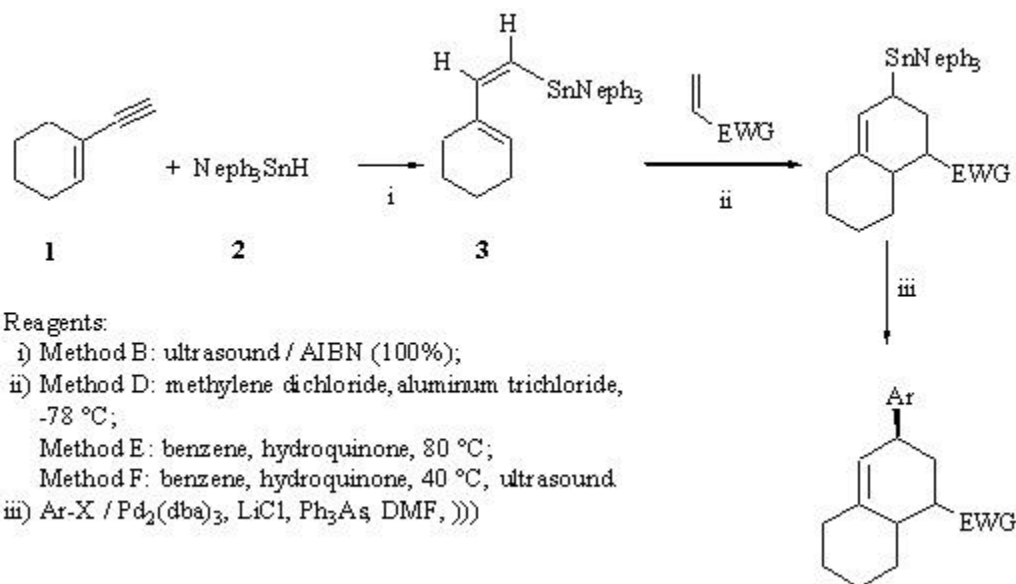
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### 17. Bicyclic allyltin derivatives through selective “one pot” hydrostannation - Diels-Alder reaction (AG-6072SP)

Romina A. Ocampo, Sandra D. Mandolesi and Liliana C. Koll

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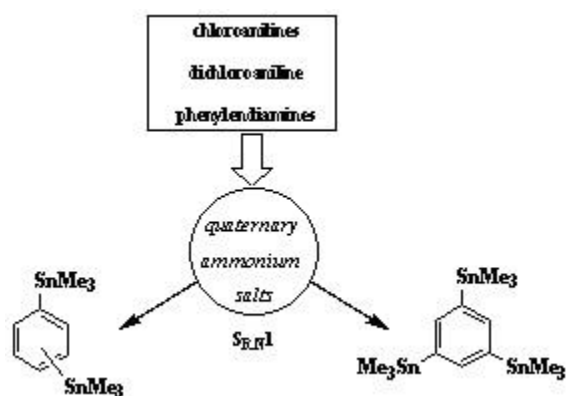
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### 18. Two-step synthesis of di- and trisannylarenes from anilines *via* an S<sub>RN</sub>1 mechanism (AG-5952SP)

Gustavo F. Silbestri, Mar  a T. Lockhart and Alicia B. Chopa

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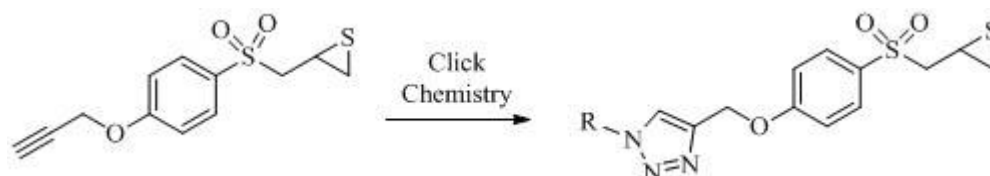
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### 19. Exploring the functional space of thiiranes as gelatinase inhibitors using click chemistry (AG-5839SP)

*Sebastian A. Testero, Leticia I. Larrull, Jed F. Fisher, Mayland Chang and Shahriar Mobashery*

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### 20. A convenient synthesis of hexulosonic acids by IBX mediated oxidation of D-glucono-1,5-lactone derivatives (AG-5954SP)

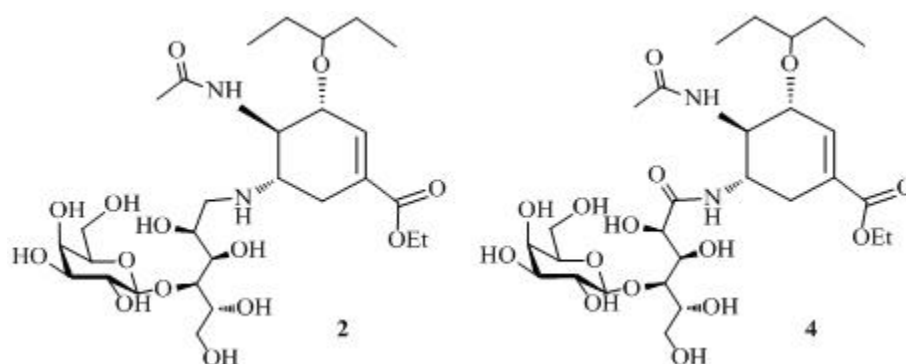
*Adriana A. Kolender, Sol C. Parajón Puenzo and Oscar Varela*

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**23. Catalysis of the ethanolysis of *N*-methyl-*N*-nitroso-*p*-toluenesulfonamide by alkali metal ions (AG-5475SP)**

*Luis Garcia-Rio, Maria Luz Raposo-Barreiro and Pedro Rodriguez-Dafonte*

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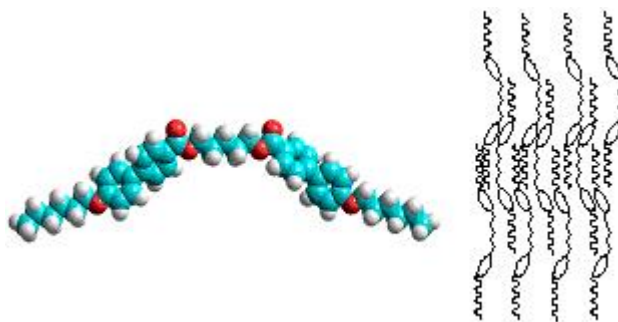
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**24. Bent-shaped liquid crystal dimers. Influence of the direction of the oxybiphenylenecarboxyl groups on their mesomorphic behavior (AG-6128SP)**

*Claudia M. Hegguilustoy, Rosana S. Montani, Mar  a B. Darda, Pablo G. Del Rosso and Ra  l O. Garay*

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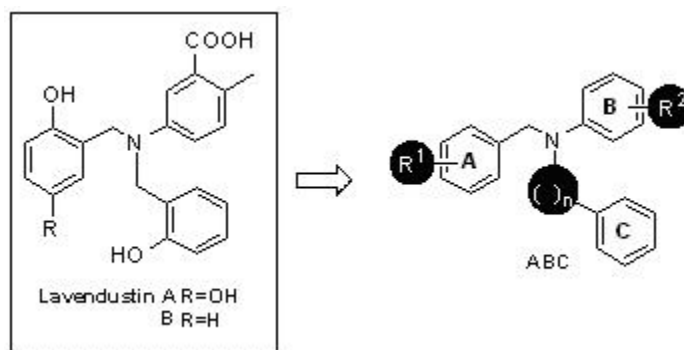
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## 25. Parallel solution synthesis of lavendustin analogs as antileishmanial agents (AG-6137SP)

*Diego G. Ghiano, Paulo B. Carvalho, Babu L. Tekwani, Mitchell A. Avery and Guillermo Labadie*

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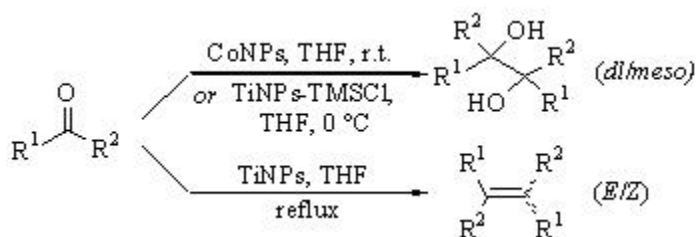
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## 26. Reductive coupling of carbonyl compounds promoted by cobalt or titanium nanoparticles (AG-6079SP)

*Fabiana Nador, Evangelina Mascar  <sup>3</sup>, Melisa Castro, Cristian Vitale and Gabriel Radivoy*

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## 27. Properties and antioxidant activity of water-soluble iron catalysts with Schiff base ligands.

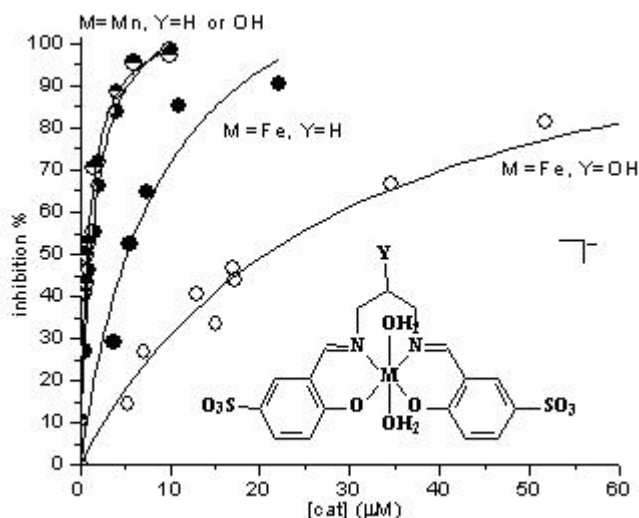
### Comparison with their manganese counterparts (AG-6120SP)

Verónica A. Daier, Claudia M. Palopoli, Christelle Hureau, Ariel De Candia and Sandra R. Signorella

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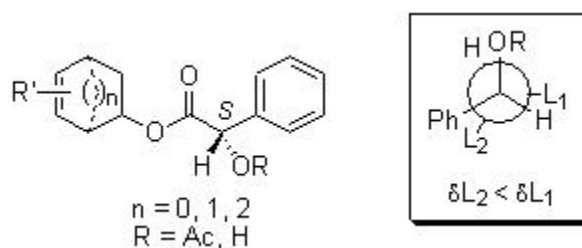
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## 28. Evaluation of the use of mandelate derivatives to determine the enantiomeric purity and the absolute configuration of secondary cyclohexenols (AG-6101SP)

Ariel M. Sarotti, Pablo L. Pisano and Silvina C. Pellegrinet

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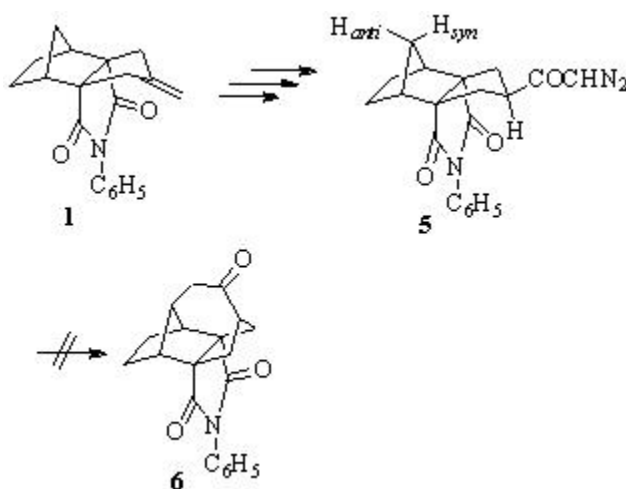
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**29. Attempted synthesis of 2-oxo-N-phenyltetracyclo[7.2.1.0<sup>2,6</sup>.0<sup>5,11</sup>]-dodecane-9,10-dicarboximide by intramolecular  $\alpha$ -ketocarbene insertion into an unactivated C-H bond (AG-5991SP)**

*Pelayo Camps, JosÃ© A. FernÃ¡ndez, Santiago VÃ¡zquez, MercÃ© Font-Bardia and Xavier Solans*

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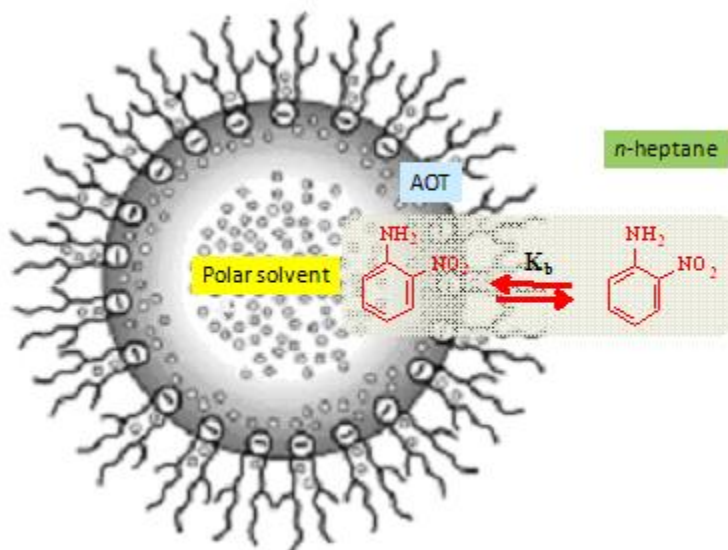
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**30. Binding of o-nitroaniline to nonaqueous AOT reverse micelles (AG-6090SP)**

*R. Dario Falcone, Juana J. Silber, M. Alicia Biasutti and N. Mariano Correa*

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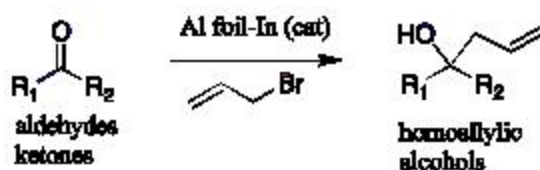
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### 31. Barbier allylation of aldehydes and ketones with aluminium and catalytic indium metal: an economical alternative (AG-6109SP)

Marcelo D. Preite, Hugo A. Jorquera-Geroldi and Andr  s P  rez-Carvajal

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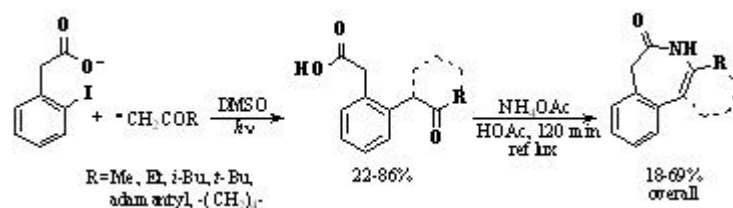
received Nov 29 2010; accepted Mar 3 2011; published Apr 21 2011;

### 32. Synthesis of $\epsilon$ -oxo acids by photostimulated reactions of 2-(2-iodophenyl)acetate ion with carbanions by the S<sub>RN</sub>1 mechanism. Synthesis of novel 3-benzazepin-2-ones (AG-6077SP)

Javier F. Guastavino, Mar  a E. Bud  n, Carolina S. Garc  a and Roberto A. Rossi

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### 33. Hydrogenation of cinnamaldehyde with heterogeneous catalyst in the presence of cyclodextrins (AG-6114SP)

Mohamad Jahjah, Benoit Caron, Stéphanie Manuel, Eric Monflier, Laurent Djakovitch and Catherine Pinel

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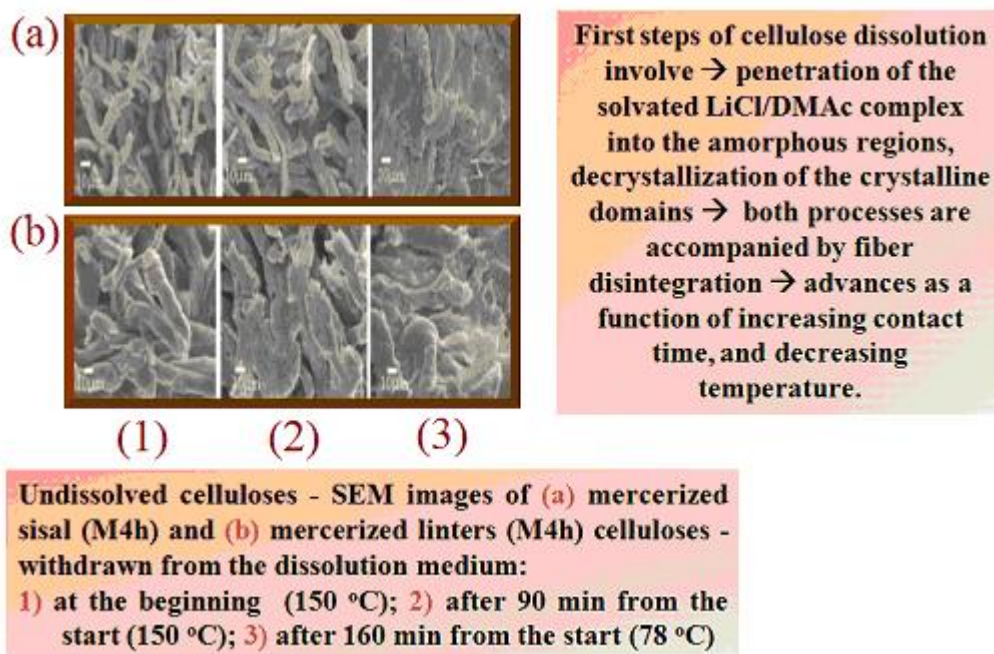
### 34. A physical organic chemistry approach to dissolution of cellulose: effects of cellulose mercerization on its properties and on the kinetics of its decrystallization (AG-6318SP)

Ludmila A. Ramos, Daniella L. Morgado, Fergus Gessner, Elisabete Frollini and Omar A. El Seoud

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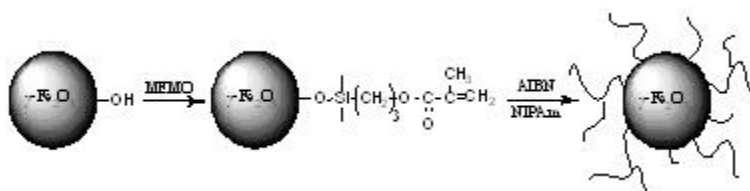
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### 35. Synthesis and characterization of thermo-sensitive magnetic maghemite nanoparticles (AG-6156SP)

Ariel L. Cappelletti, Julieta I. Paez and Miriam C. Strumia

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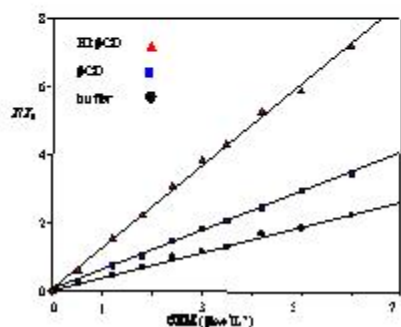
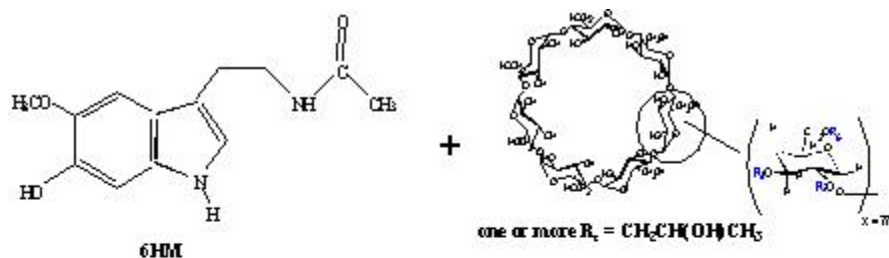
### 36. Supramolecular analytical chemistry: spectrofluorimetric determination of 6-hydroxymelatonin with hydroxypropyl-β-cyclodextrin (AG-6129SP)

A. Guillermo Bracamonte, Guadalupe G. Miñambres and Alicia V. Veglia

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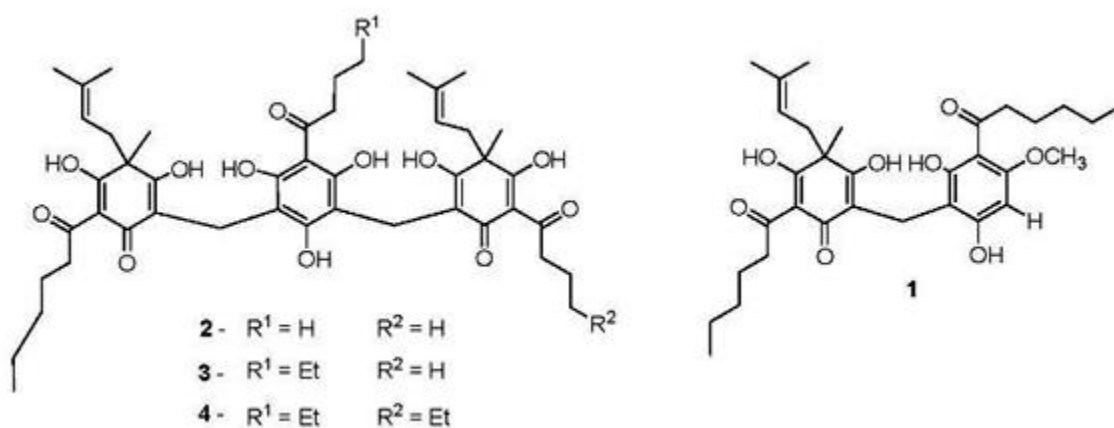
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### 37. Acylphloroglucinols from the fern *Elaphoglossum lindbergii* (AG-6108SP)

Cecilia Socolsky, Elena Cartagena, Yoshinori Asakawa and Alicia Bard<sup>3n</sup>

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### 38. The reaction of hydroxylamine with aspirin (AG-6007SP)

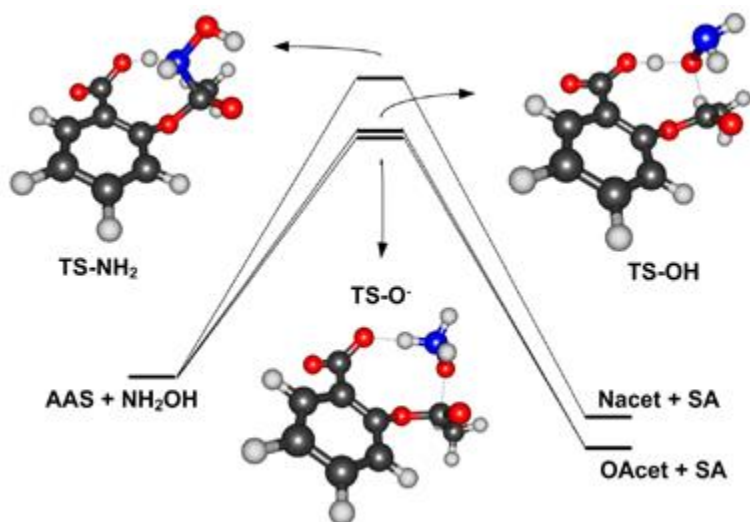
Michelle Medeiros, Bruno S. Souza, Elisa S. Orth, Tiago A.S. Brand<sup>Ã</sup>eo, Willian Rocha, Anthony J. Kirby

and Faruk Nome

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Supplementary Material: [PDF \(94K\)](#)

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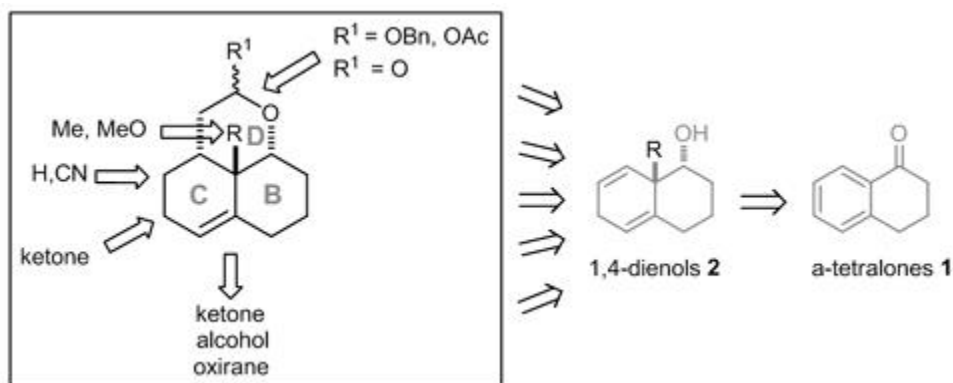
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### 39. Simplified tricycle model of quassinoids with *in vitro* antiparasitic activity (AG-5658SP)

Maria Fernanda Plano, Guillermo Roberto Labadie, Babu L. Tekwani and Raquel Maria Cravero

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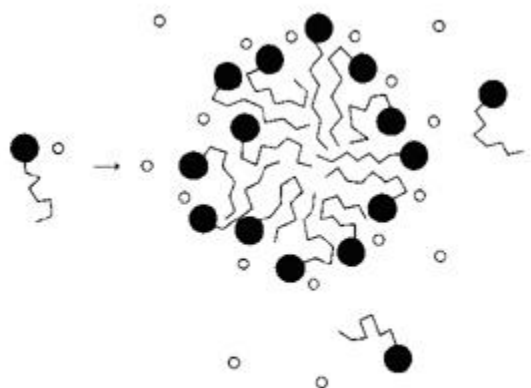
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### 40. Micellar rate effects-assumptions and approximations (AG-6086SU)

Clifford A. Bunton



The micelle binds substrate and reactive counter ion  
and accelerates their reaction

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