

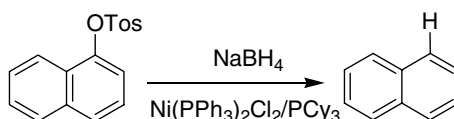
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COMMUNICATIONS

Room temperature Ni-catalyzed reduction of aryl tosylates by borane hydrides

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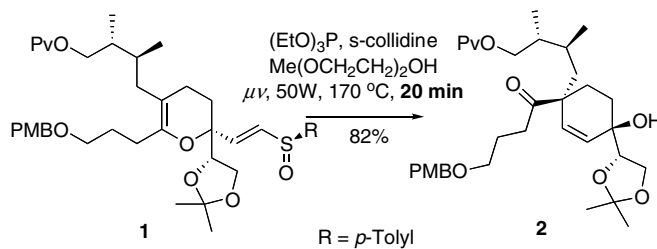
Vladimir Kogan



Synthesis of the A,G-spiroimine of pinnatoxins by a microwave-assisted tandem Claisen–Mislow–Evans rearrangement

pp 7519–7523

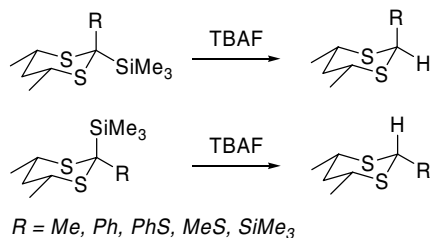
Matthew J. Pelc and Armen Zakarian\*



Stereoconservative protodesilylation of substituted silyl dithianes

pp 7525–7528

Vanda Cerè, Antonella Capperucci, Alessandro Degl'Innocenti\* and Salvatore Pollicino\*

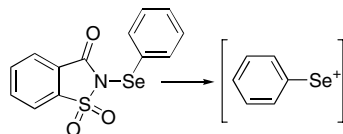


Protodesilylation of different substituted silyl dithianes occurs with a clean retention of configuration.

***N*-Phenylselenosaccharin (NPSSac): a new electrophilic selenium-containing reagent**

pp 7529–7531

Marco Tingoli,\* Rosita Diana and Barbara Panunzi

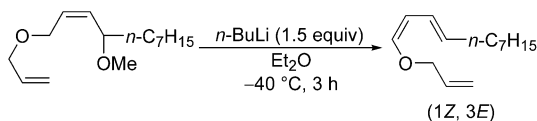


The phenylselenenylation of several electron rich organic molecules have been promoted by a new reagent *N*-phenylselenosaccharin (NPSSac), under very mild reaction conditions.

**A facile and stereoselective synthetic method for allylic 1,3-dienyl ethers**

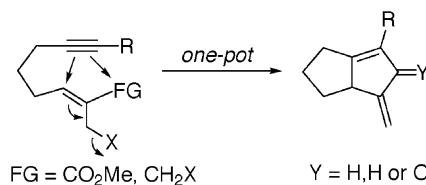
pp 7533–7535

Eiji Tayama,\* Sayaka Sugai and Masahiro Hara

**Ti(II)-mediated domino cyclization of 2-functionalized 1-halo-2,*n*-enynes (*n* = 7, 8) to bicyclic compounds**

pp 7537–7540

Sentaro Okamoto,\* Hidemoto Ito, Shogo Tanaka and Fumie Sato

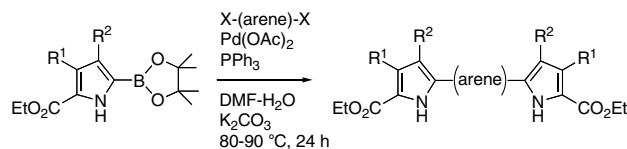


The reaction of 2-functionalized 1-halo-2,*n*-enynes with  $\text{Ti}(\text{O}-i\text{-Pr})_4/2i\text{-PrMgCl}$  proceeded in a domino fashion to yield bicyclic compounds.

**Synthesis of bis(pyrrol-2-yl)arenes by Pd-catalyzed cross coupling**

pp 7541–7544

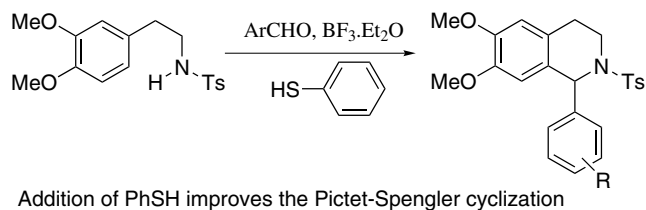
Jun-ichiro Setsune,\* Masayuki Toda, Keigo Watanabe, Pradeepta K. Panda and Takafumi Yoshida



-(arene)- = 1,2-phenylene, 1,3-phenylene, 1,4-phenylene, 4,4'-biphenylene, 2,5-thienylene, 2,6-pyridylene, 9,10-anthracenylene, 2,7-fluorenylene, 2,7-(9-oxofluorenylene), 6,6'-(2,2'-bipyridylene)

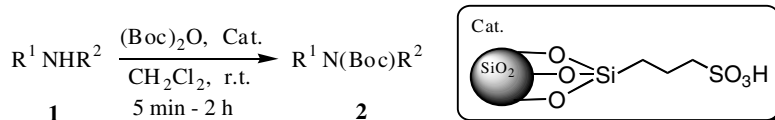
**Thiophenol-mediated improvement of the Pictet–Spengler cyclization of *N*-tosyl- $\beta$ -phenethylamines with aldehydes** pp 7545–7549

Claudio C. Silveira,\* Adriano S. Vieira and Teodoro S. Kaufman\*



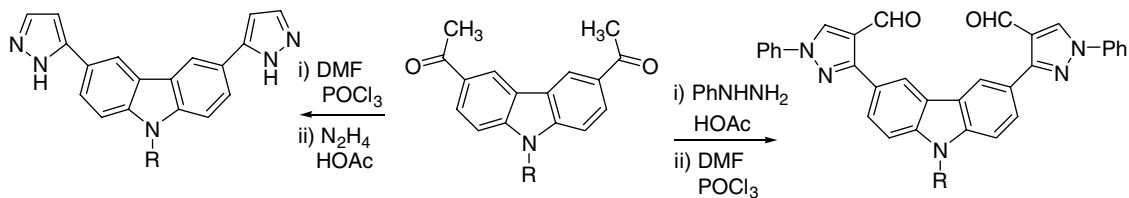
**A highly chemoselective Boc protection of amines using sulfonic-acid-functionalized silica as an efficient heterogeneous recyclable catalyst** pp 7551–7556

Biswanath Das,\* Katta Venkateswarlu, Maddeboina Krishnaiah and Harish Holla



**Synthesis of new diheteroarylcarbazoles: a facile and simple route of 3,6-di(pyrazol-4-yl)carbazoles** pp 7557–7561

Ramu Meesala and Rajagopal Nagarajan\*

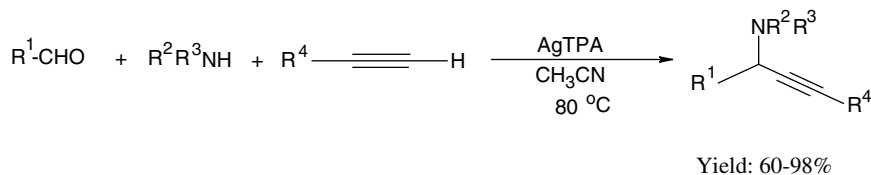


A short and facile route to the synthesis of 3,6-di(pyrazol-4-yl)carbazoles is reported.



**The silver salt of 12-tungstophosphoric acid: an efficient catalyst for the three-component coupling of an aldehyde, an amine and an alkyne** pp 7563–7566

K. Mohan Reddy, N. Seshu Babu, I. Suryanarayana, P. S. Sai Prasad and N. Lingaiah\*

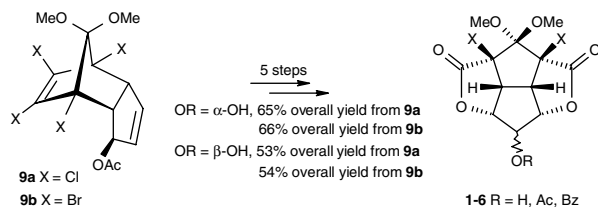


R<sup>1</sup> = aryl, cyclohexyl  
 R<sup>2</sup>, R<sup>3</sup> = dialkyl, dibenzyl  
 R<sup>4</sup> = alkyl, phenyl

### An efficient synthesis of diquinane-based bis- $\gamma$ -lactones

Faiz Ahmed Khan\* and Ch. Nageswara Rao

pp 7567–7570

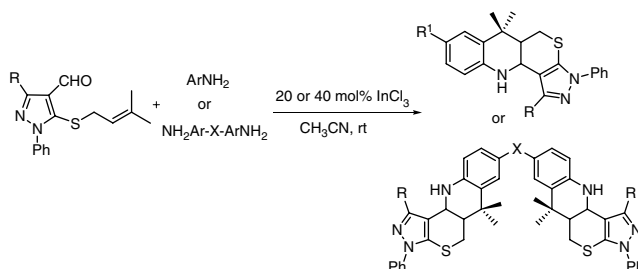


An efficient stereoselective synthesis of both the diastereomers of diquinane-based conformationally constrained symmetric bis- $\gamma$ -lactones starting from tricyclic derivative **9** is reported.

### Rapid synthesis of tetrahydroquinolines by indium trichloride catalyzed mono- and bis-intramolecular imino Diels–Alder reactions

pp 7571–7574

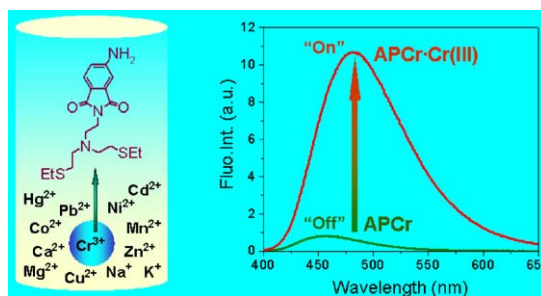
Rathna Durga R. S. Manian, Jayadevan Jayashankaran, Rasappan Ramesh and Raghavachary Raghunathan\*



### A highly selective ‘off–on’ fluorescence chemosensor for Cr(III)

Moloy Sarkar, Sandip Banthia and Anunay Samanta\*

pp 7575–7578



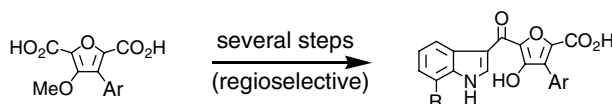
The fluorescent chemosensor APCr shows remarkable selectivity towards Cr(III) ions.



### Regioselective synthesis of 3-aryl-5-(1H-indole-3-carbonyl)-4-hydroxyfuroic acids as potential insulin receptor activators

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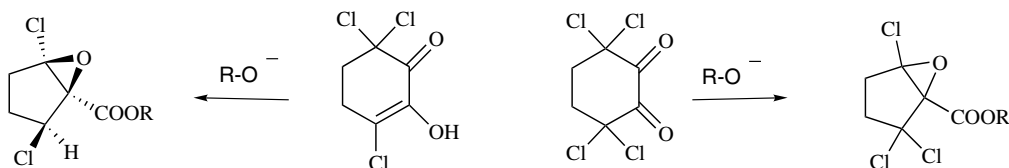
Shan-Yen Chou,\* Shieh-Shung Tom Chen, Ching-Hui Chen and Lien-Shange Chang



**Direct synthesis of 2,5-polychloro-1,2-epoxycyclopentane-1-carboxylic acids and their alkyl esters**

pp 7583–7585

Antonio Guirado,\* Alfredo Cerezo, José I. López-Sánchez, Magalí Sáez-Ayala and Delia Bautista

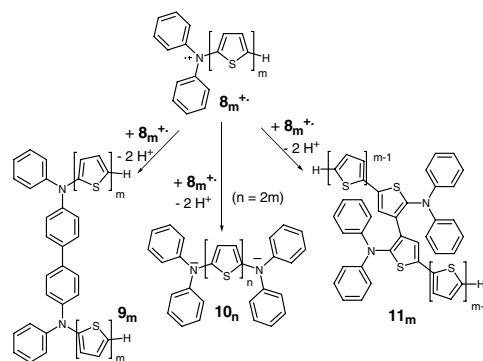


**The variety of reactions of radical cations derived from 2-diphenylaminothiophene oligomers**

pp 7587–7590

Peter Rapta,\* Dirk Rohde, Horst Hartmann and Lothar Dunsch\*

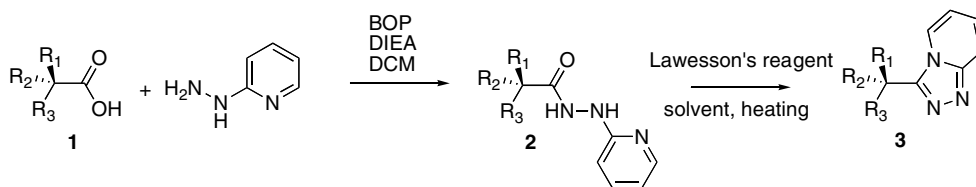
Radical cations of 2-diphenylamino-substituted oligothiophenes **8<sub>m</sub>** give rise to several consecutive processes to a different extent depending on the number **m** of their thiophene units as clarified by in situ ESR spectroelectrochemical studies.



**Convenient two-step preparation of [1,2,4]triazolo[4,3-*a*]pyridines from 2-hydrazinopyridine and carboxylic acids**

pp 7591–7594

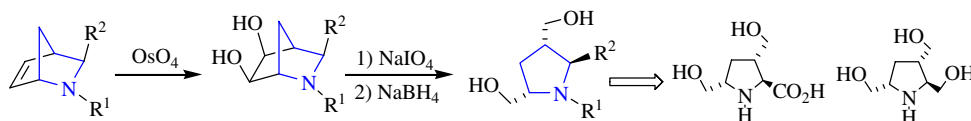
Aline Moulin, Jean Martinez and Jean-Alain Fehrentz\*



**Stereoselective synthesis of polyhydroxylated pyrrolidines: a route to novel 3,5-bis(hydroxymethyl)pyrrolidines from 2-azabicyclo[2.2.1]hept-5-enes**

pp 7595–7597

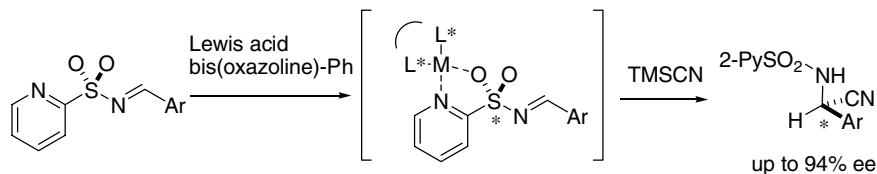
M. José Alves, Xerardo García-Mera, M. Luisa C. Vale, Teresa P. Santos, Fábio R. Aguiar and José E. Rodríguez-Borges\*



**Enantioselective Strecker-type reaction to sulfonylimines having a 2-pyridylsulfonyl group as a novel stereocontroller**

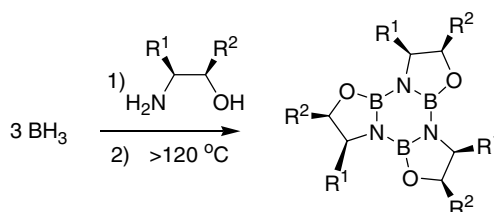
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Shuichi Nakamura,\* Hiroki Nakashima, Hideki Sugimoto, Norio Shibata and Takeshi Toru\*


**Studies on the synthesis of borazines from borane and 1,2-aminoalcohols**

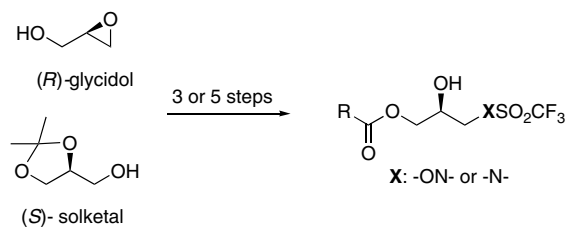
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Viatcheslav Stepanenko, Margarita Ortiz-Marciales,\* Charles E. Barnes and Carmelo Garcia


**Phosphomimetic sulfonamide and sulfonamidoxy analogues of (Lyso)phosphatidic acid**

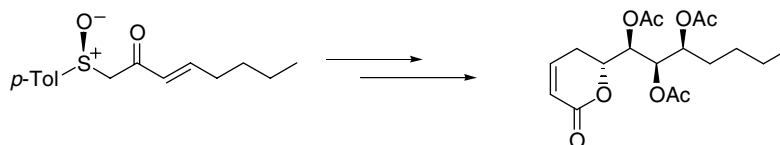
pp 7607–7609

Joanna Gajewiak and Glenn D. Prestwich\*


**A short stereoselective synthesis of (+)-boronolide**

pp 7611–7614

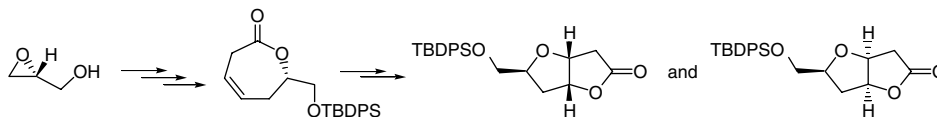
Sadagopan Raghavan\* and V. Krishnaiah



A short stereoselective synthesis of (+)-boronolide is disclosed.

**4,5-Didehydro-7-silyloxymethyl-2-oxepanone and formal total syntheses of Hagen's gland lactones and *trans*-kumausynes** pp 7615–7618

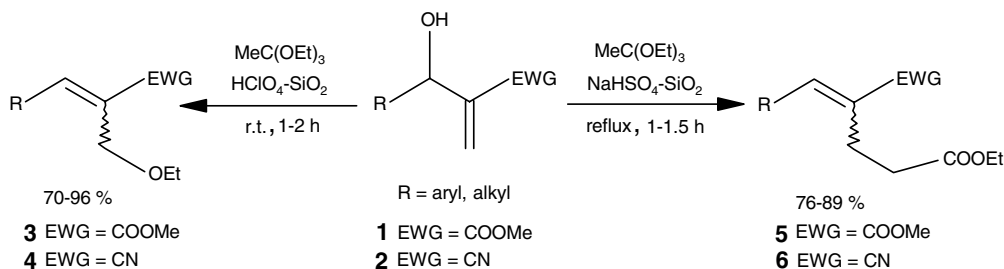
Divya Agrawal, Vardhineedi Sriramurthy and Veejendra K. Yadav\*



Base-catalyzed single-step rearrangement of 7-substituted-4,5-epoxy-2-oxepanone into the 2,6-dioxabicyclo[3.3.0]octan-3-one skeleton leads to formal total syntheses of (*7R*)-*cis*-Hagen's gland lactones and (+)- and (-)-*trans*-kumausynes.

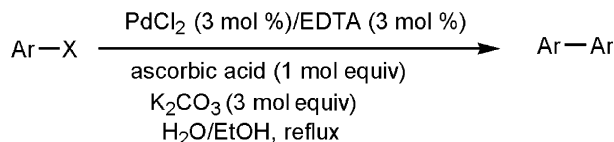
**Treatment of Baylis–Hillman adducts with triethyl orthoacetate in the presence of heterogeneous catalysts: a method for the stereoselective synthesis of two different types of trisubstituted alkenes** pp 7619–7623

Biswanath Das,\* Anjoy Majhi and Joydeep Banerjee



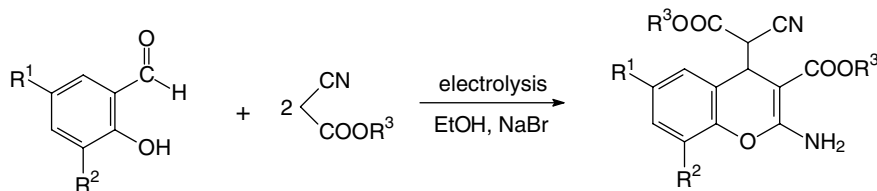
**Palladium(II) chloride/EDTA-catalyzed biaryl homo-coupling of aryl halides in aqueous medium in the presence of ascorbic acid** pp 7625–7628

Ram N. Ram\* and Virinder Singh



**Electrochemically induced chain transformation of salicylaldehydes and alkyl cyanoacetates into substituted 4*H*-chromenes** pp 7629–7633

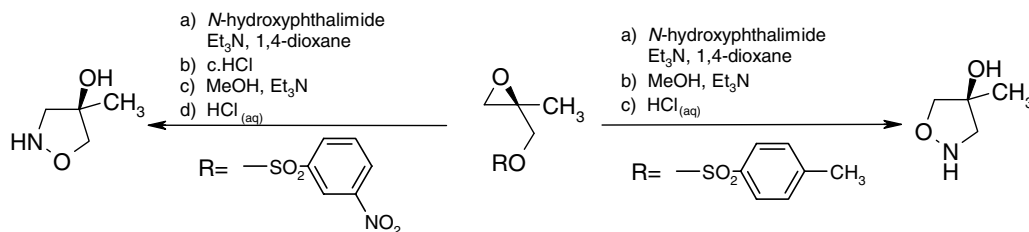
Michail N. Elinson,\* Alexander S. Dorofeev, Sergey K. Feducovich, Sergey V. Gorbunov, Ruslan F. Nasybullin, Nikita O. Stepanov and Gennady I. Nikishin



## A simple and efficient synthesis of optically pure 4-alkylisoxazolidin-4-ols

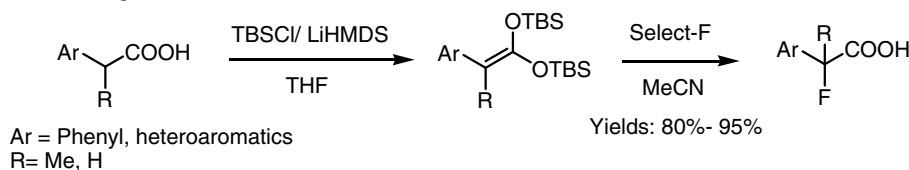
pp 7635–7639

Barrie P. Martin,\* Martin E. Cooper, David K. Donald and Simon D. Guile

A novel general method for preparation of  $\alpha$ -fluoro- $\alpha$ -arylcroxylic acid. Direct fluorination of silyl ketene acetals with Selectfluor<sup>®</sup>

pp 7641–7644

Fei Zhang\* and Jake Z. Song

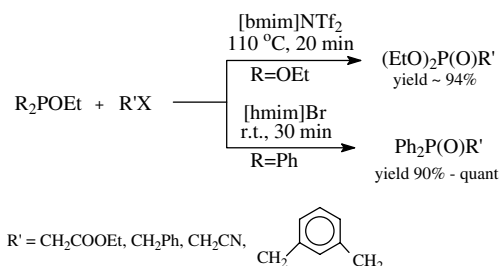


The reaction of an  $\alpha$ -arylcroxylic acid with TBS-Cl and LiHMDS in THF yielded bis-silyl ketene acetal, which was directly fluorinated with inexpensive Selectfluor<sup>®</sup> to produce the corresponding  $\alpha$ -fluoro- $\alpha$ -arylcroxylic acid in high yield. The application of this cost-efficient  $\alpha$ -fluorination methodology to the synthesis of  $\alpha$ -fluorocroxylic ester from the corresponding croxylic ester is also described.

## Ionic-liquid-promoted Michaelis–Arbuzov rearrangement

pp 7645–7648

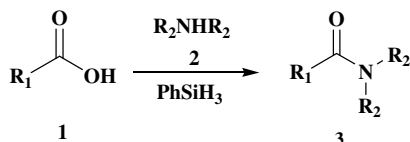
E. V. Matveeva, I. L. Odinets,\* V. A. Kozlov, A. S. Shaplov and T. A. Mastryukova



## Phenylsilane as an active amidation reagent for the preparation of carboxamides and peptides

pp 7649–7651

Zheming Ruan,\* R. Michael Lawrence and Christopher B. Cooper



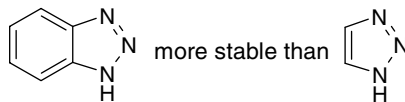
The use of phenylsilane as a mild coupling reagent for amidation reactions is reported. Applicability to both solution- and solid-phase chemistry has been demonstrated for a variety of amines and croxylic acids.



**Benzotriazole is thermally more stable than 1,2,3-triazole**

pp 7653–7654

Alan R. Katritzky,\* Zuoquan Wang, Maia Tsikolia, C. Dennis Hall and Michelle Carman



TGA, DTA and DSC analyses indicate that benzotriazole is significantly more stable thermally than 1,2,3-triazole.

**OTHER CONTENTS****Corrigendum**

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\*Corresponding author

i+ Supplementary data available via ScienceDirect

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

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