

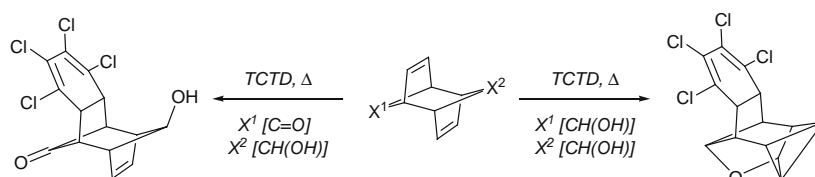
Tetrahedron Letters Vol. 50, No. 25, 2009

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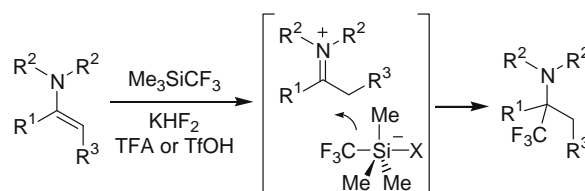
Communications

Diels–Alder reactivity of *anti*-tricyclo[4.2.1.1^{2,5}]deca-3,7-diene derivatives

pp 2991–2993

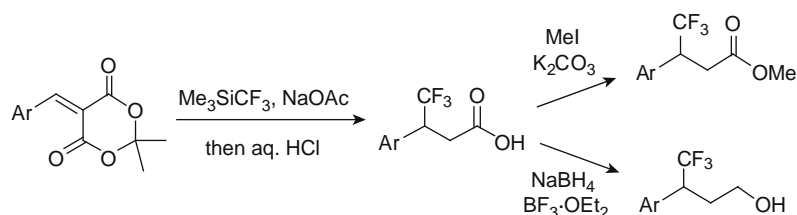
 Markus Etzkorn ^{*}, Maria del Rosario I. Amado-Sierra, Steven D. Smeltz, Michael Gerken

Trifluoromethylation of enamines under acidic conditions

pp 2994–2997

 Roman T. Gritsenko, Vitalij V. Levin, Alexander D. Dilman ^{*}, Pavel A. Belyakov, Marina I. Struchkova, Vladimir A. Tartakovsky

 The reaction of enamines with trifluoromethyltrimethylsilane (Me₃SiCF₃) under acidic conditions is described.

Nucleophilic trifluoromethylation of arylidene Meldrum's acids

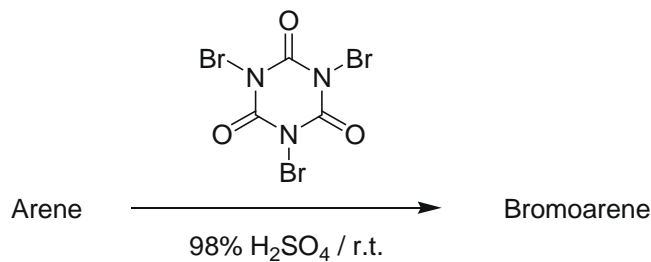
pp 2998–3000

 Artem A. Zemtsov, Vitalij V. Levin, Alexander D. Dilman ^{*}, Marina I. Struchkova, Pavel A. Belyakov, Vladimir A. Tartakovsky

 A method for the Michael addition of a trifluoromethyl carbanion to arylidene Meldrum's acids leading to CF₃-substituted esters and alcohols is described.


Superelectrophilic bromination of deactivated aromatic rings with tribromoisocyanuric acid—an experimental and DFT study

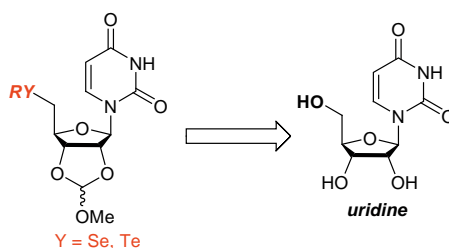
pp 3001–3004

Leonardo S. de Almeida, Pierre M. Esteves *, Marcio C. S. de Mattos *


Synthesis of selenium- and tellurium-containing nucleosides derived from uridine

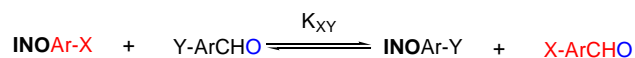
pp 3005–3007

Antonio L. Braga *, Wolmar A. Severo Filho, Ricardo S. Schwab, Oscar E. D. Rodrigues, Luciano Dornelles, Hugo C. Braga, Diogo S. Lüttke *


An imidazolidin-1-ol, nitron and oxadiazinane ring-chain-ring tautomeric dynamic combinatorial library

pp 3008–3012

Necdet Coşkun *, Çağdaş Aksoy

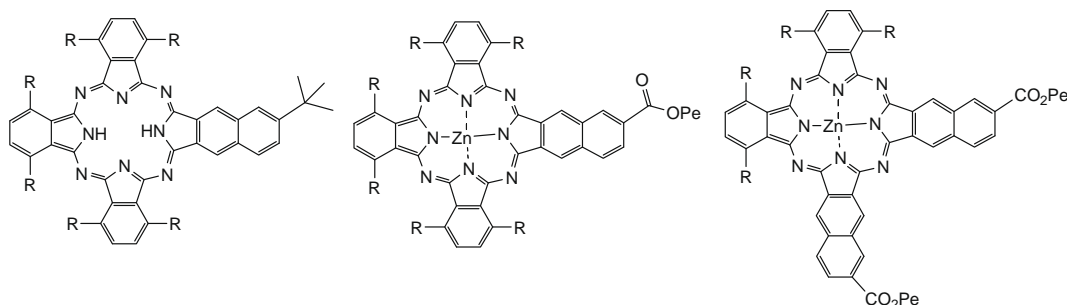


The substituent dependent benzylidene exchange reaction between imidazolidin-1-ol, nitron and oxadiazinane INOAr-X(Y) tautomers provides a dynamic combinatorial library

Mixed cyclisations giving phthalocyanine–naphthalocyanine hybrids

pp 3013–3016

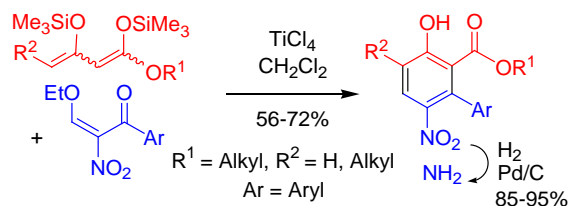
Andrew N. Cammidge *, Victoria H. M. Goddard, Geoffrey Will, Dennis P. Arnold, Michael J Cook *



Regioselective synthesis of functionalized 4-nitro- and 4-amino-phenols based on formal [3+3] cyclocondensations of 3-ethoxy-2-nitro-2-en-1-ones with 1,3-bis(silyloxy)-1,3-butadienes

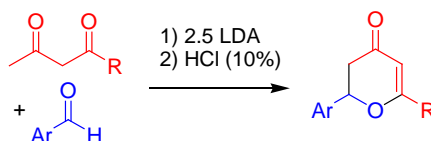
pp 3017–3019

Abdalmajid Riahi, Mohanad Shkoor, Rasheed Ahmad Khera, Helmut Reinke, Peter Langer *

**One-pot synthesis of 6-aryl-2,3-dihydro-4H-pyran-4-ones by cyclocondensation of 1,3-diketone dianions with aldehydes**

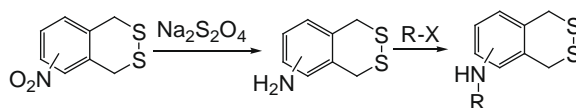
pp 3020–3022

Rasheed Ahmad, Rasheed Ahmad Khera, Alexander Villinger, Peter Langer *

**Synthesis and redox-enzyme modulation by amino-1,4-dihydro-benzo[d][1,2]dithiine derivatives**

pp 3023–3026

Sandraliz Espinosa, Melissa Solivan, Cornelis P. Vlaar *

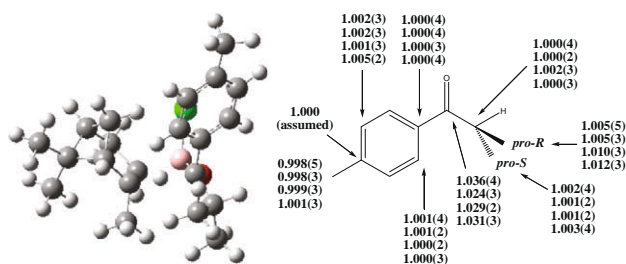


Novel cyclic disulfide derivatives are synthesized which have a modulatory effect on glutathione reductase activity.

Experimental transition state for the B-chlorodiisopinocampheylborane (DIP-Cl) reduction

pp 3027–3030

Sean E. Stafford, Matthew P. Meyer *

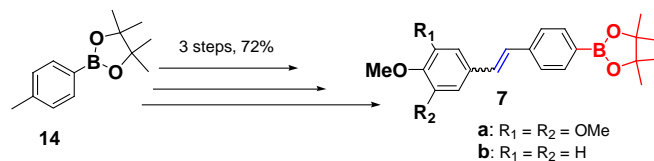


Experimentally determined KIEs and computed transition structures illustrate the roles that steric interactions, orbital mixing, and tunneling play in the DIP-Cl reduction.

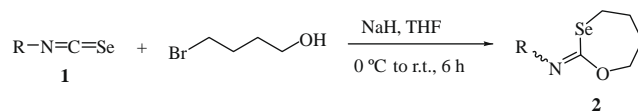


Design and synthesis of novel pinacolylboronate containing combretastatin ‘antimitotic agent’ analogues

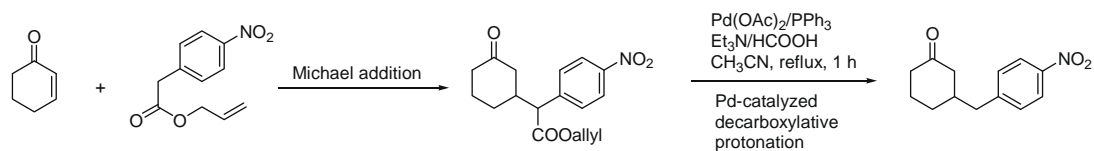
pp 3031–3034

Bhaskar C. Das ^{*}, Sakkarapalayam M. Mahalingam, Todd Evans ^{*}**First synthesis of 1,3-oxaselenepanes**

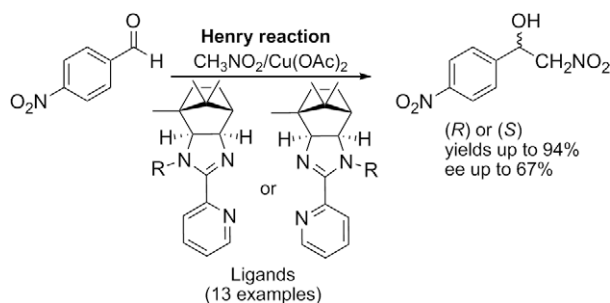
pp 3035–3037

Dinesh R. Garud, Yosuke Toyoda, Mamoru Koketsu ^{*}**An expedient synthesis of β-aralkyl cycloalkanones via the sequential conjugate addition of allyl arylacetates and Pd-catalyzed decarboxylative protonation protocol**

pp 3038–3041

Se Hee Kim, Hyun Seung Lee, Sung Hwan Kim, Jae Nyoung Kim ^{*}**Probing electronic and regioisomeric control in an asymmetric Henry reaction catalyzed by camphor-imidazoline ligands**

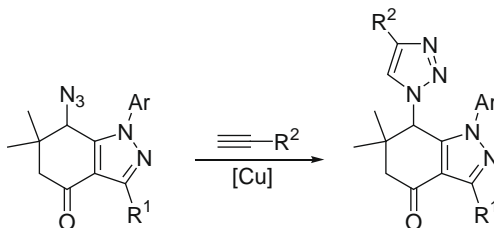
pp 3042–3045

Filip Bureš ^{*}, Jiří Kulhánek, Aleš Růžička

Synthesis of triazole-functionalized tetrahydroindazolones by 1,3-dipolar cycloadditions between azides and alkynes

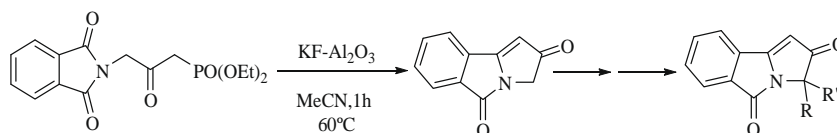
pp 3046–3049

Inta Strakova, Māris Turks*, Andris Strakovs

**Efficient Horner–Wadsworth–Emmons intramolecular cyclisation of a N-substituted phthalimide promoted by KF-Alumina: a general tool for the synthesis of functionalised isoindolinones**

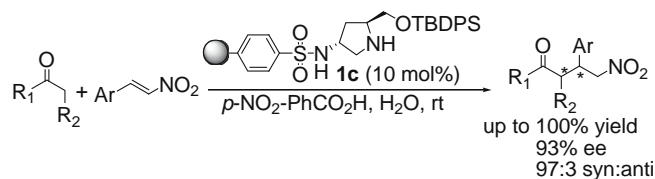
pp 3050–3053

Vittorio Pace, Fernando Martínez, Clara I. Nova, María Fernández, José Vicente Sinisterra, Andrés R. Alcántara*

**Highly enantioselective Michael addition reactions in water catalyzed by an insoluble MPS-supported 4-sulfonamidyl prolinol tert-butyldiphenylsilyl ether**

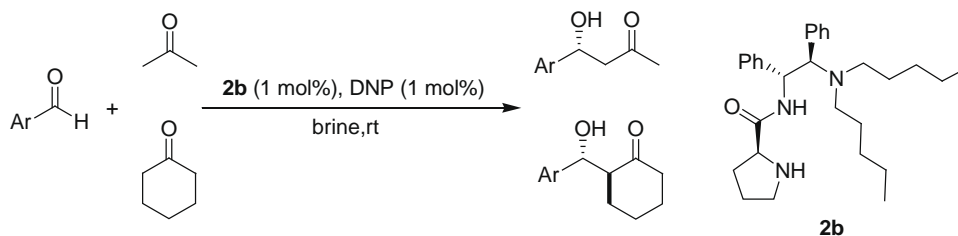
pp 3054–3058

Yongming Chuan, Guihua Chen, Yungui Peng*

**Highly efficient prolinamide-based organocatalysts for the direct asymmetric aldol reaction in brine**

pp 3059–3062

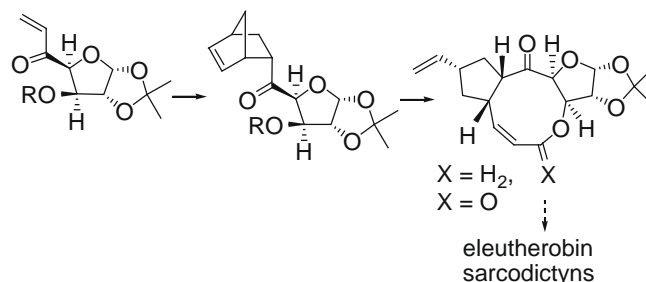
Ya-Ning Jia, Feng-Chun Wu, Xiao Ma, Gong-Jian Zhu, Chao-Shan Da*

Yield up to 99%, *anti/syn* up to 98/2, ee up to 97%.

A new approach to A/B ring analogue of eleutherobin and sarcodictyins through a sequence of highly diastereofaceselective Diels–Alder reaction and ring opening–ring closing metathesis (RO–RCM)

pp 3063–3066

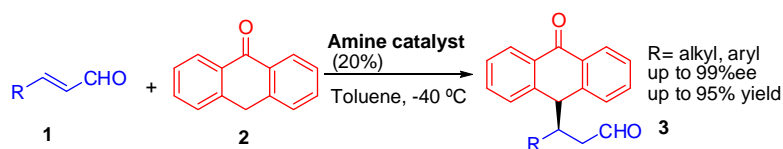
Chanchal K. Malik, Md. Firoj Hossain, Subrata Ghosh *



Enantioselective addition of anthrones to α,β -unsaturated aldehydes

pp 3067–3069

Andrea-Nekane Alba, Natalia Bravo, Albert Moyano *, Ramon Rios *

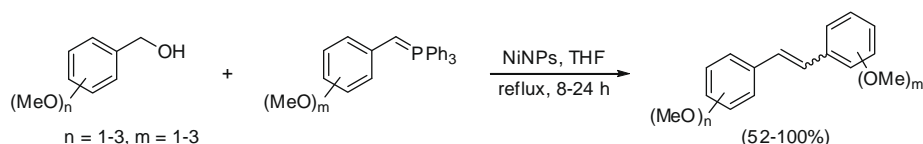


The first examples of enantioselective addition of anthrones to α,β -unsaturated aldehydes are disclosed. The reaction was performed at $-40\text{ }^{\circ}\text{C}$ achieving high yields and enantioselectivities.

Synthesis of resveratrol, DMU-212 and analogues through a novel Wittig-type olefination promoted by nickel nanoparticles

pp 3070–3073

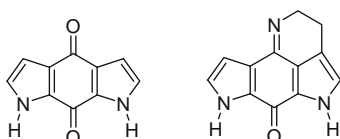
Francisco Alonso *, Paola Riente, Miguel Yus *



A facile synthesis of bispyrroloquinone and bispyrroloiminoquinone ring system of marine alkaloids

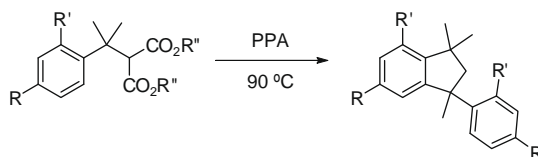
pp 3074–3076

Srinivasan Murugesan, Dwayaja H. Nadkarni, Sadanandan E. Velu *

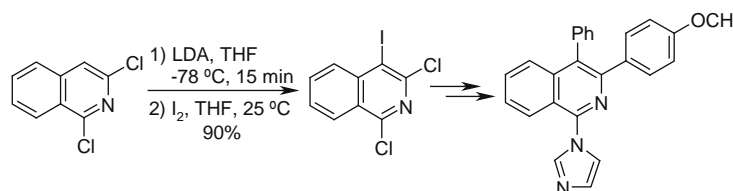


Acid-promoted S_N1/E1 fragmentation/dimerization of 2-cumylmalonates

pp 3077–3080

Jonathan T. Reeves ^{*}, Daniel R. Fandrick, Zhulin Tan, Jinhua J. Song, Nathan K. Yee, Chris H. Senanayake**A facile synthesis of 1,3,4-trisubstituted isoquinolines**

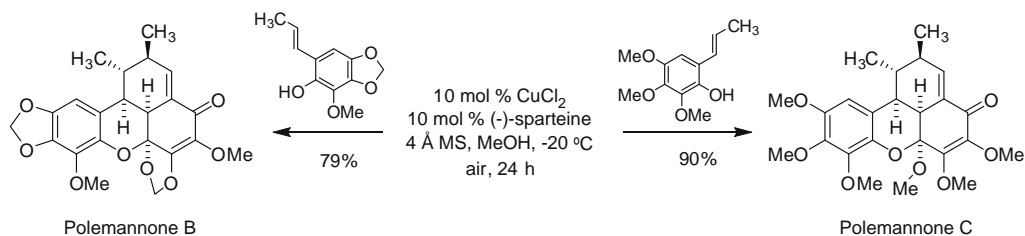
pp 3081–3083

Hanbiao Yang ^{*}

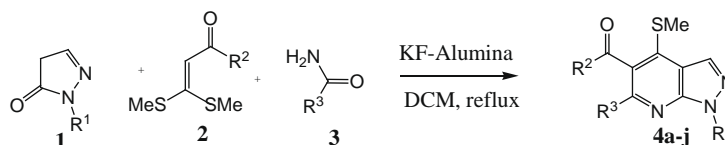
A facile and versatile approach to 1,3,4-trisubstituted isoquinoline derivatives from commercially available 1,3-dichloroisoquinoline is described.

Total synthesis of polemannones B and C

pp 3084–3087

Olugbeminiyi O. Fadeyi, R. Nathan Daniels, Sean M. DeGuire, Craig W. Lindsley ^{*}**Synthetic studies on KF-alumina-catalysed reaction of substituted and unsubstituted aryl-oxoketene dithioacetals and 1H-pyrazone-5(4H)-one: a convenient synthesis of pyrazolo[3,4-b]pyridine and pyrazolo[1,5-a]pyrimidine**

pp 3088–3091

Pushpak Mizar, Bekington Myrboh ^{*}

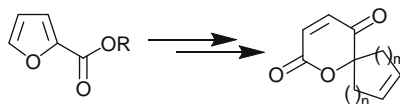
These procedures provide a simple and facile method for the synthesis of pyrazolo[3,4-b]pyridine and pyrazolo[1,5-a]pyrimidine yielding product with more structural diversities. The effects of the solvents and substitution have also been described.



Molecular complexity from aromatics: synthesis of highly functionalized spiro δ -lactones

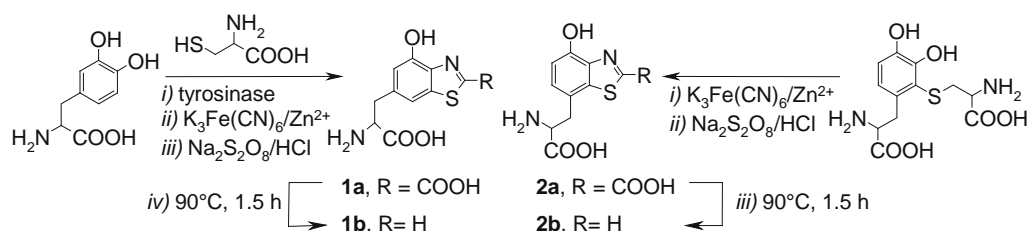
pp 3092–3094

Vikrant Singh, Vishwakarma Singh *

**Biologically inspired one-pot access routes to 4-hydroxybenzothiazole amino acids, red hair-specific markers of UV susceptibility and skin cancer risk**

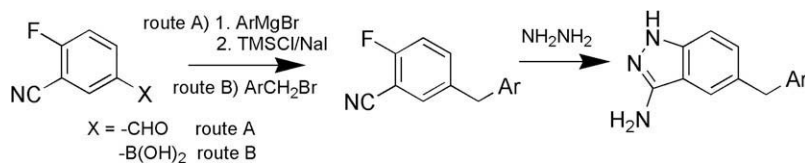
pp 3095–3097

Giorgia Greco, Lucia Panzella, Alessandra Napolitano *, Marco d'Ischia

**Highly efficient synthesis of 5-benzyl-3-aminobenzimidazoles**

pp 3098–3100

Paolo Orsini *, Maria Menichincheri, Ermes Vanotti, Achille Panzeri



*Corresponding author

Supplementary data available via ScienceDirect

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