

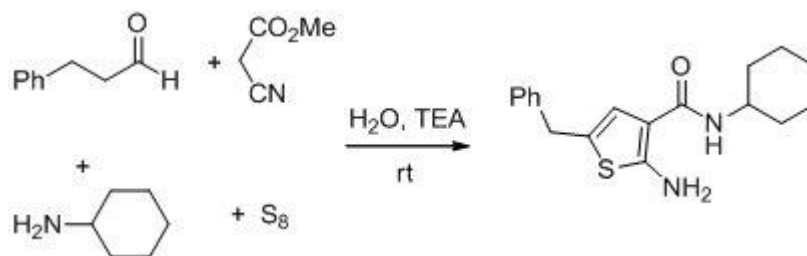
1. A facile four-component Gewald reaction under organocatalyzed aqueous conditions (14-8427UP)

M. Saeed Abaee and Somayeh Cheraghi

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

Supplementary Material: [PDF \(2,138K\)](#)

pp. 1 - 10



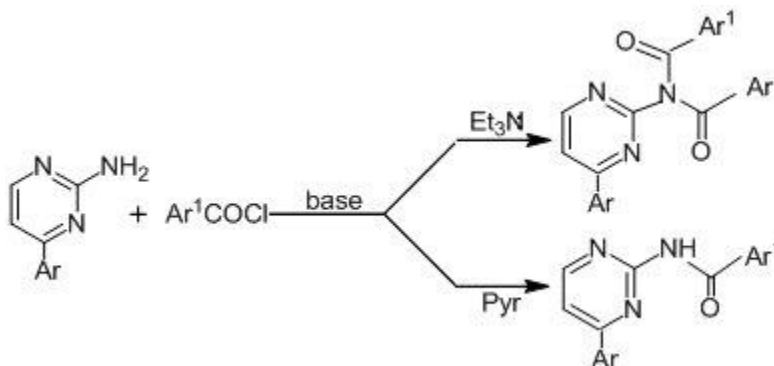
received Sep 16 2013; accepted Oct 27 2013; published Dec 16 2013;

2. Insights into the *N,N*-diacylation reaction of 2-aminopyrimidines and deactivated anilines: an alternative *N*-monoacylation reaction (14-8209ZP)

Vassiliki Theodorou, Marina Gogou, Aimilia Giannousi and Konstantinos Skobridis

Full Text: [PDF \(396K\)](#)

pp. 11 - 23



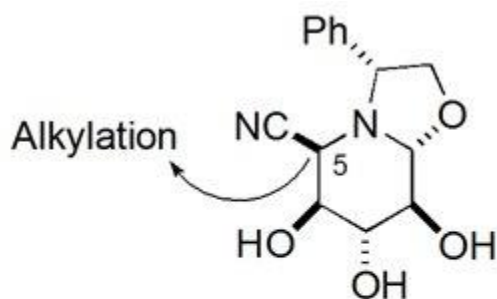
received May 17 2013; accepted Oct 13 2013; published Dec 18 2013;

3. Alkylation studies of a polyhydroxylated-cyano-piperidine scaffold (14-8243GP)

Alicia M. DilmaÃ§s, Tony Tite, Andriamihamina Tsimilaza, Pascale Lemoine, Sabrina Boutefnouchet, Sylvie Michel and Marie-Christine Lallemand

Full Text: [PDF \(268K\)](#)

pp. 24 - 37



Hexahydro-3-phenyl-6,7,8-trihydroxy-
3R-[3α,5β,6β,7α,8β,8aβ]-5H-oxazolo-
[3,2-a]pyridine-5-carbonitrile

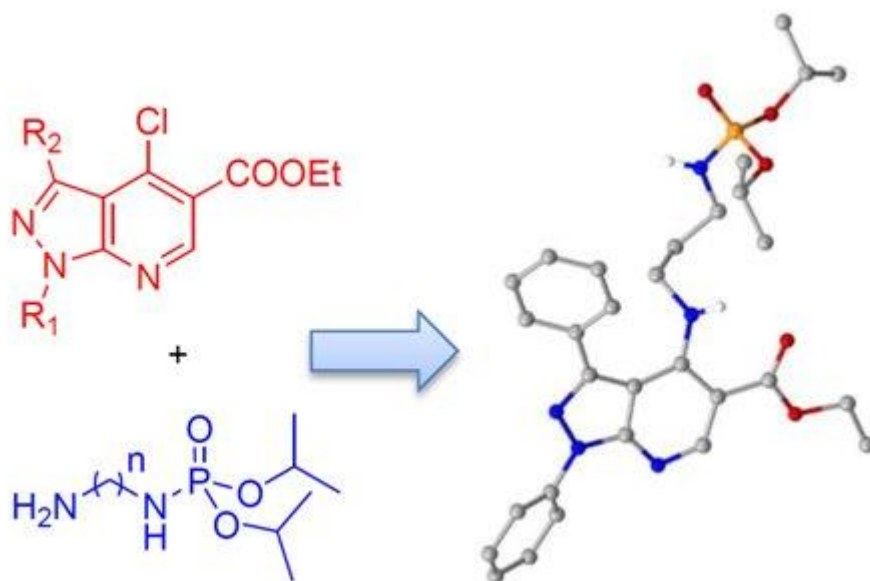
received May 30 2013; accepted Oct 27 2013; published Jan 10 2014;

4. Synthesis and characterization of new 1H-pyrazolo[3,4-b]pyridine phosphoramidate derivatives (14-8413GP)

Leandro Ferreira Pedrosa, William Pires de Macedo, Antonia Carlene Rodrigues Furtado, Guilherme Pereira Guedes, Julio Cesar Borges, Jackson Antonio Lamounier Camargos Resende, Maria das Graças Fialho Vaz, Alice Maria Rolim Bernardino and Marcos Costa de Souza

Full Text: [PDF \(773K\)](#)

pp. 38 - 50



received Sep 7 2013; accepted Nov 22 2013; published Jan 20 2014;

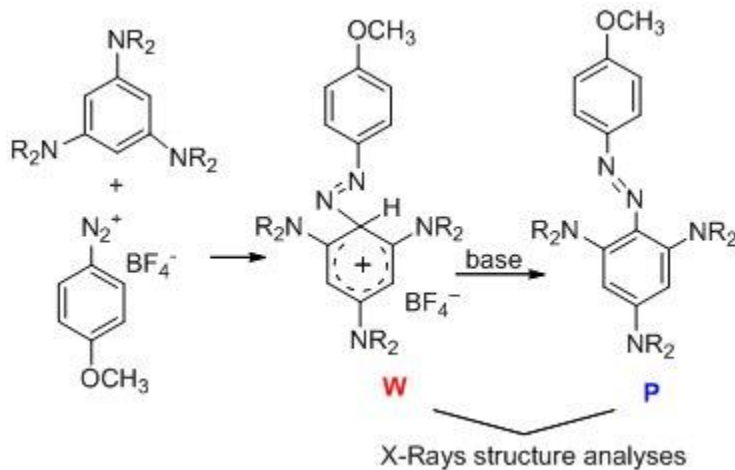
5. The first isolation of a Wheland complex in azo-coupling reaction, X-ray diffraction analysis and products from its evolution (14-8311ZP)

Carla Boga, Erminia Del Vecchio, Silvia Tozzi, Luciano Forlani, Magda Monari, Gabriele Micheletti and Nicola Zanna

Full Text: [PDF \(1,258K\)](#)

Supplementary Material: [PDF \(540K\)](#)

pp. 51 - 66



received Jul 9 2013; accepted Nov 7 2013; published Jan 20 2014;

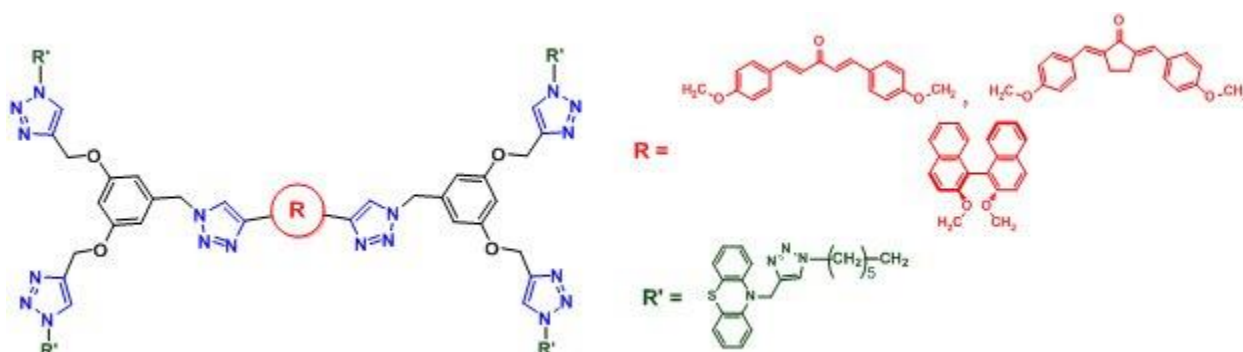
6. Synthesis and photophysical studies on triazole bridged dendrimers with phenothiazine as a surface unit (14-8375KP)

Perumal Rajakumar, Chinnadurai Satheeshkumar and Mahalingam Ravivarma

Full Text: [PDF \(206K\)](#)

Supplementary Material: [PDF \(412K\)](#)

pp. 67 - 79



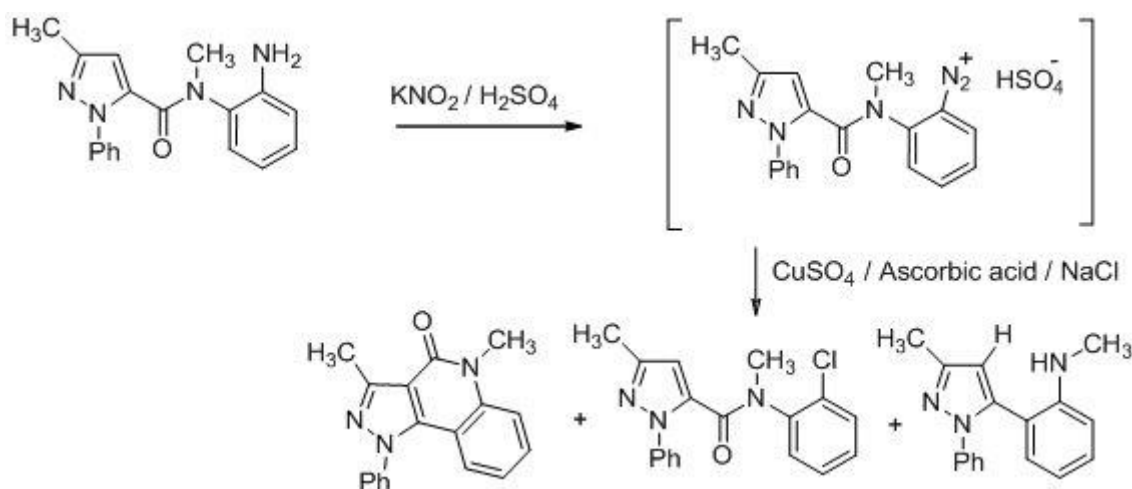
received Aug 15 2013; accepted Dec 6 2013; published Jan 20 2014;

7. Unexpected synthesis of 3,5-dimethyl-1-phenyl-1,5-dihydro-4H-pyrazolo[4,3-c]quinolin-4-one by non-classical Pschorr reaction, endowed with binding affinity for the central benzodiazepine receptor (14-8312MP)

Giuseppe Daidone, Benedetta Maggio, Demetrio Raffa and Fiorella Meneghetti

Full Text: [PDF \(252K\)](#)

pp. 80 - 90



received Jul 10 2013; accepted Nov 22 2013; published Jan 22 2014;

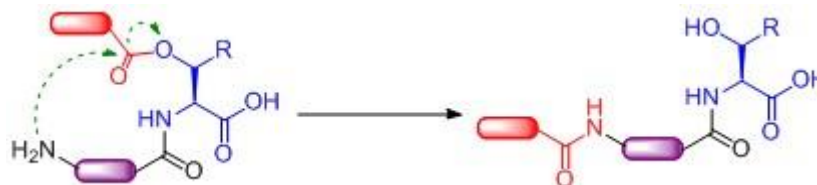
8. Chemical ligation from O-acyl isopeptides via 8- and 11-membered cyclic transition states (14-8632RP)

Siva S. Panda, Mohamed Elagawany, Hadi M. Marwani, Eray A. Alıřkan, Mirna El-Katib, Alexander Oliferenko, Khalid A Alamry and Alan R Katritzky

Full Text: [PDF \(361K\)](#)

Supplementary Material: [PDF \(1,911K\)](#)

pp. 91 - 106



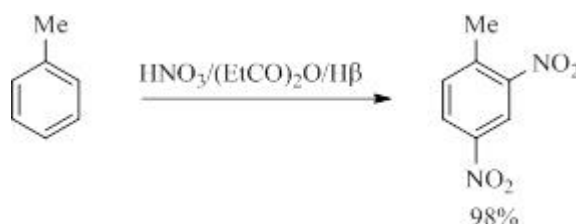
received Feb 4 2014; accepted Feb 7 2014; published Feb 10 2014;

9. Regioselective dinitration of simple aromatics over zeolite H β /nitric acid/acid anhydride systems (14-8527UP)

Keith Smith, Mohammad Hayal Alotaibi and Gamal A. El-Hiti

Full Text: [PDF \(235K\)](#)

pp. 107 - 123



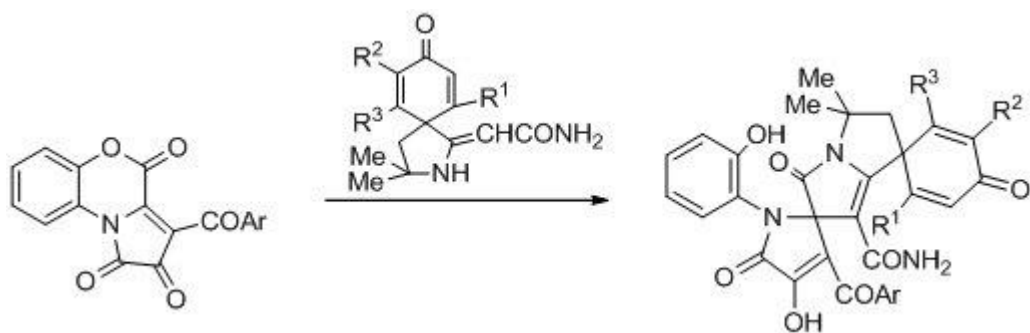
received Nov 19 2013; accepted Jan 25 2014; published Feb 22 2014;

10. Synthesis of dispiro heteroanalogs of pyrrolizidine alkaloids: crystal and molecular structure of substituted 3',4'',5-trioxodispiro[(2'',5''-cyclohexadiene)-1''(4''H),7'-[7H]pyrrolizine-2'(3'H),2-[2H]pyrrole]-1'-carboxamide (14-8430UP)

Valeriya V. Konovalova, Yuliya S. Rozhkova, Yurii V. Shklyayev, Pavel A. Slepukhin and Andrey N. Maslivets

Full Text: [PDF \(292K\)](#)

pp. 124 - 134



received Sep 18 2013; accepted Nov 26 2013; published Feb 25 2014;

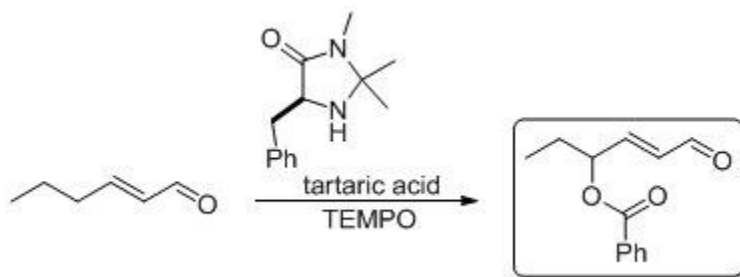
11. Organocatalytic γ -oxidation of α,β -unsaturated aldehydes (14-8394DP)

Mikołaj Chromiński, Maciej Giedyk and Dorota Gryko

Full Text: [PDF \(125K\)](#)

Supplementary Material: [PDF \(848K\)](#)

pp. 135 - 145



received Aug 28 2013; accepted Nov 7 2013; published Feb 25 2014;

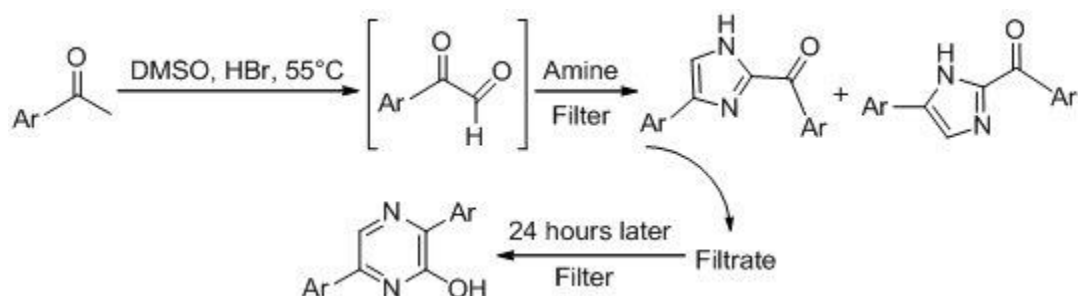
12. Synthesis of 2-aryl-(4 or 5)-aryl-1*H*-imidazoles and 2-hydroxy-3,6-diarylpyrazines via a cascade process (14-8270IP)

Cong Liu, Rongji Dai, Guowei Yao and Yulin Deng

Full Text: [PDF \(376K\)](#)

Supplementary Material: [PDF \(4,479K\)](#)

pp. 146 - 163



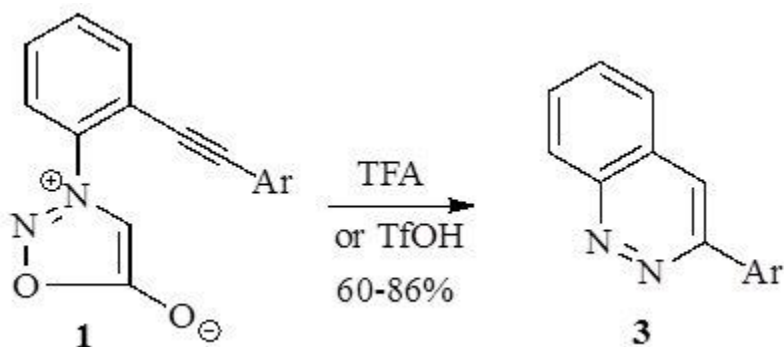
received Jun 15 2013; accepted Nov 1 2013; published Feb 25 2014;

13. Treatment of *o*-alkynylphenylsydnones with acids: a new route to 3-arylcinnolines (14-8474UP)

Andrew J. Weisner and Kenneth Turnbull

Full Text: [PDF \(64K\)](#)

pp. 164 - 169



received Oct 17 2013; accepted Nov 21 2013; published Feb 26 2014;

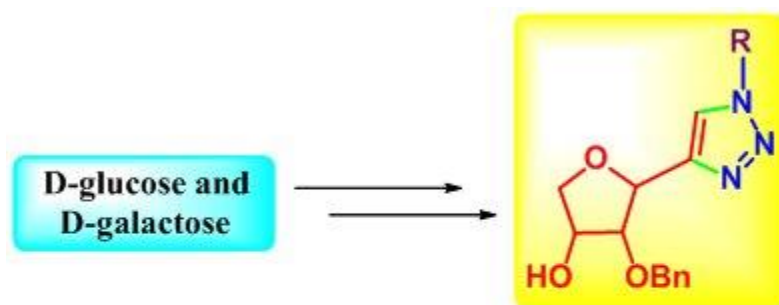
14. Stereoselective synthesis of tetrahydrofuranyl 1,2,3-triazolyl C-nucleoside analogues by 'click' chemistry and investigation of their biological activity (14-8374DP)

P. Venkat Reddy, Mohammad Saquib, Nripendra N. Mishra, Praveen K. Shukla and Arun K. Shaw

Full Text: [PDF \(140K\)](#)

Supplementary Material: [PDF \(1,275K\)](#)

pp. 170 - 182



Enantiopure THF 1,2,3-triazolyl C-nucleoside analogues

11 Examples

Anti-bacterial activity - MIC, 0.78 - 1.56 mg/mL

Anti-fungal activity - MIC, 12.5 - 25 mg/mL

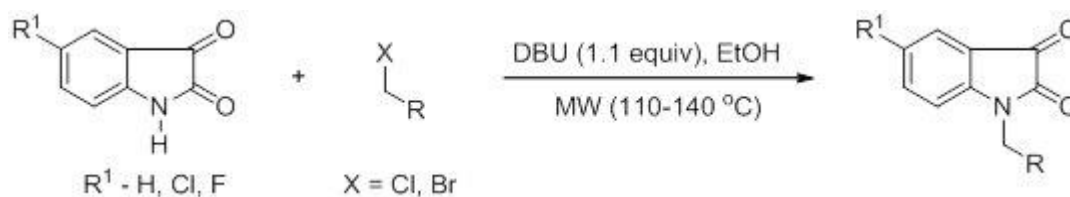
received Aug 14 2013; accepted Nov 8 2013; published Feb 26 2014;

15. Expedited microwave-assisted *N*-alkylation of isatins utilizing DBU (14-8205MP)

Carly A. Jordan, Krystyna B. Wiecek, Kyle J. Knisley and Daniel M. Ketcha.

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

pp. 183 - 192



received May 13 2013; accepted Sep 8 2013; published Mar 28 2014;

16. Carbonylative annulation of unsaturated compounds using molybdenum hexacarbonyl: an efficient synthesis of 2(1H)-quinolones (14-8531ZP)

Farnaz Jafarpour and Asieh Otaredi-Kashani

Full Text: [PDF \(145K\)](#)

pp. 193 - 203



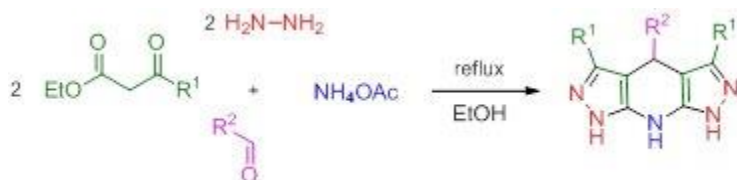
received Nov 24 2013; accepted Mar 27 2014; published Mar 30 2014;

17. An efficient synthesis of tetrahydropyrazolopyridine derivatives by a one-pot tandem multi-component reaction in a green media (14-8462SP)

David I. MaGee, Minoo Dabiri, Peyman Salehi, Majid Koohshari and Zoleikha Hajizadeh

Full Text: [PDF \(149K\)](#)

pp. 204 - 214



received Oct 9 2013; accepted Mar 27 2014; published Mar 30 2014;

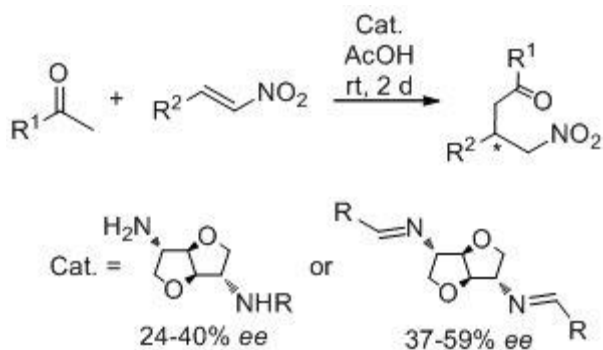
18. Asymmetric Michael addition of acetone to β-nitrostyrenes catalyzed by novel organocatalysts derived from D-isomannide or L-isoidide (14-8429SP)

Ling-Yan Chen, Stéphanie Guilleme, Andrew Whiting, Christine Saluzzo.

Full Text: [PDF \(124K\)](#)

Supplementary Material: [PDF \(964K\)](#)

pp. 215 - 227



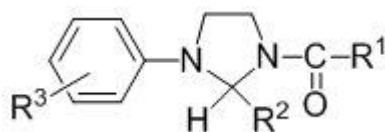
received Sep 18 2013; accepted Dec 14 2013; published Apr 2 2014;

19. Spectroscopic analysis of imidazolidines Part V: ^1H and ^{13}C NMR spectroscopy and conformational analysis of N-acylimidazolidines (14-8410QP)

Maria Cristina Caterina, Maria Veronica Corona, Carlos de los Santos, Maria Ines Abasolo, Isabel Amalia Perillo and Alejandra Salerno

Full Text: [PDF \(269K\)](#)

pp. 228 - 241



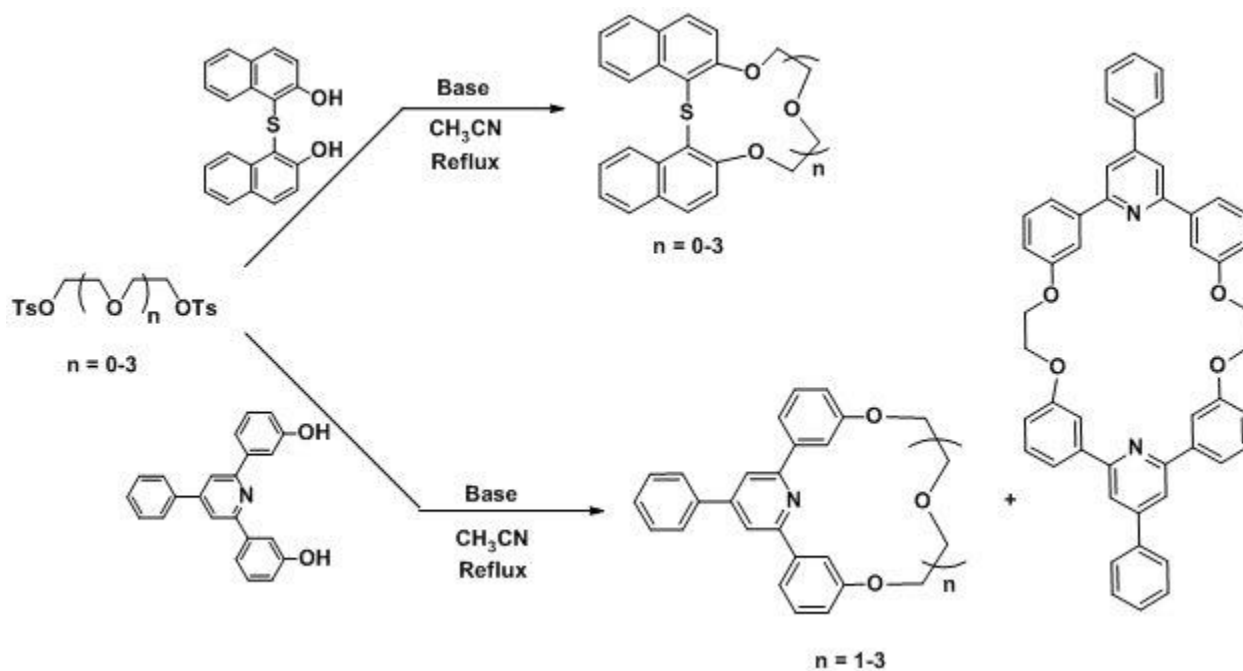
received Sep 6 2013; accepted Mar 1 2014; published Apr 30 2014;

20. Synthesis of new aza- and thia-crown ethers and their metal ion templates synthesis as model case study (14-8521DP)

Mahmood Kamali, Abbas Shockravi, Reza Mohtasham and Somayeh Pahlavan Moghanlo

Full Text: [PDF \(97K\)](#)

pp. 242 - 251



received Nov 17 2013; accepted Jan 11 2014; published Apr 30 2014;

21. Facile and eco-friendly synthesis of bis(tetrahydrobenzofuran-2-yl)alkane derivatives catalyzed by $\text{H}_2\text{SO}_4\cdot\text{SiO}_2$ under solvent-free conditions (14-8468SP)

Lei Jin, Wenbin Wang, Chengqiao Cao, Nianyu Huang, Junzhi Wang and Kun Zou

Full Text: [PDF \(119K\)](#)

Supplementary Material: [PDF \(587K\)](#)

pp. 252 - 265



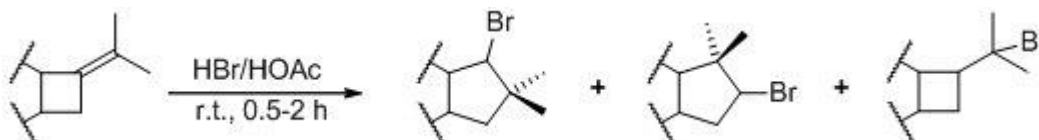
received Oct 11 2013; accepted Jan 18 2014; published May 15 2014;

22. Syntheses of bicyclo[3.3.0]octanes and bicyclo[4.3.0]nonanes by ring expansion of isopropylidenecyclobutanes (14-8383YP)

Runa Berg Åstby and Yngve Stenstrøm

Full Text: [PDF \(271K\)](#)

pp. 266 - 284



received Aug 19 2013; accepted Feb 27 2014; published May 15 2014;

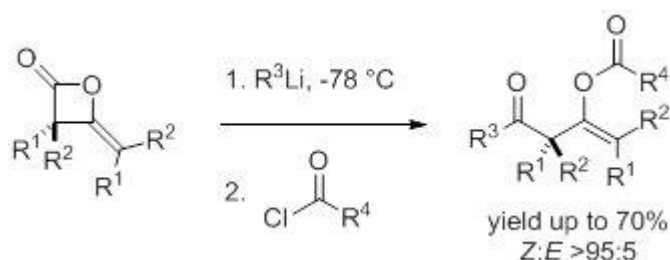
23. Regioselective synthesis of highly substituted enol esters from ketoketene dimer β -lactones (14-8443JP)

Eric C Salo, Kyle R Dayak, Jacob Huxford, Pei-Hsun Wei, Nicholas J Peraino and Nesson Joseph Kerrigan

Full Text: [PDF \(266K\)](#)

Supplementary Material: [PDF \(188K\)](#)

pp. 285 - 295



received Sep 27 2013; accepted Dec 19 2013; published May 20 2014;

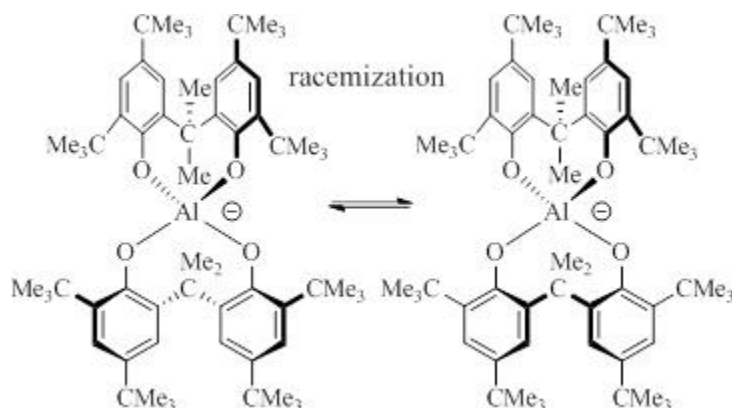
24. Synthesis and structure of salts of a sterically shielded, lipophilic, C_2 -symmetric, fluxional aluminate (14-8404BP)

Timo Schäffner, Ina K. Kämpfers, Wiebke Wackerow, Frank Rominger and Bernd F. Straub

Full Text: [PDF \(2,482K\)](#)

Supplementary Material: [PDF \(2,681K\)](#)

pp. 296 - 318



received Sep 1 2013; accepted Apr 3 2014; published May 28 2014;

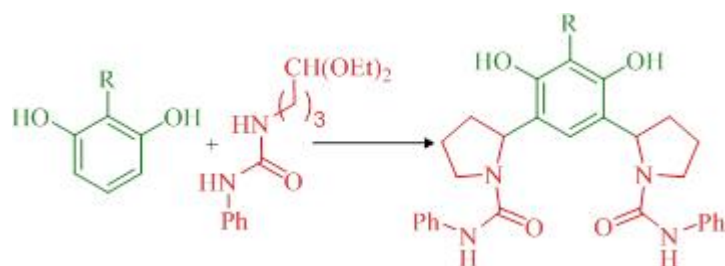
25. New method of synthesis of 2-arylpyrrolidines: reaction of resorcinol and its derivatives with γ -ureidoacetals (14-8288YP)

Almir S. Gazizov, Andrey V. Smolobochkin, Yulia K. Voronina, Alexander R. Burilov and Michail A. Pudovik

Full Text: [PDF \(133K\)](#)

Supplementary Material: [PDF \(783K\)](#)

pp. 319 - 327



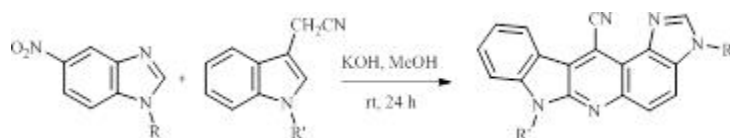
received Jun 26 2013; accepted Feb 27 2014; published May 28 2014;

26. Synthesis, spectroscopic characterization and DFT calculations of a new highly fluorescent heterocyclic system: imidazo[4,5-*a*]quinindoline (14-8597IP)

Mina Sokhanvar and Mehdi Pordel

Full Text: [PDF \(1,340K\)](#)

pp. 328 - 341



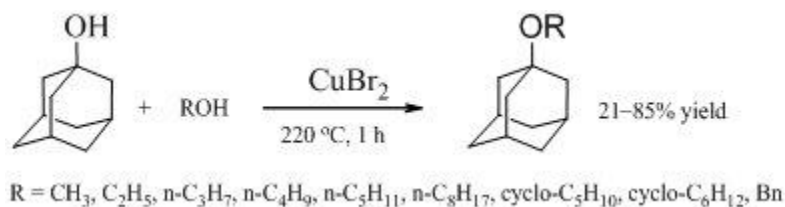
received Jan 13 2014; accepted Apr 10 2014; published May 28 2014;

27. Synthesis of 1-adamantyl alkyl ethers by intermolecular dehydration of 1-adamantanol with alcohols catalyzed by copper compounds (14-8393DP)

Ravil Khusnutdinov, Alfiya Bayguzina, Rinat Mukminov, Leisan Gimaletdinova and Usein Dzhemilev

Full Text: [PDF \(82K\)](#)

pp. 342 - 349



received Aug 28 2013; accepted Dec 19 2013; published Jun 2 2014;

28. Oxidation of alcohols to carbonyl compounds with molecular iodine in the presence of potassium *tert*-butoxide (14-8707JP)

Qun-Li Luo, Wen-Hui Nan, Yu Li and Xiang Chen

Full Text: [PDF \(140K\)](#)

Supplementary Material: [PDF \(2,801K\)](#)
pp. 350 - 361



received Mar 28 2014; accepted May 20 2014; published Jun 15 2014;

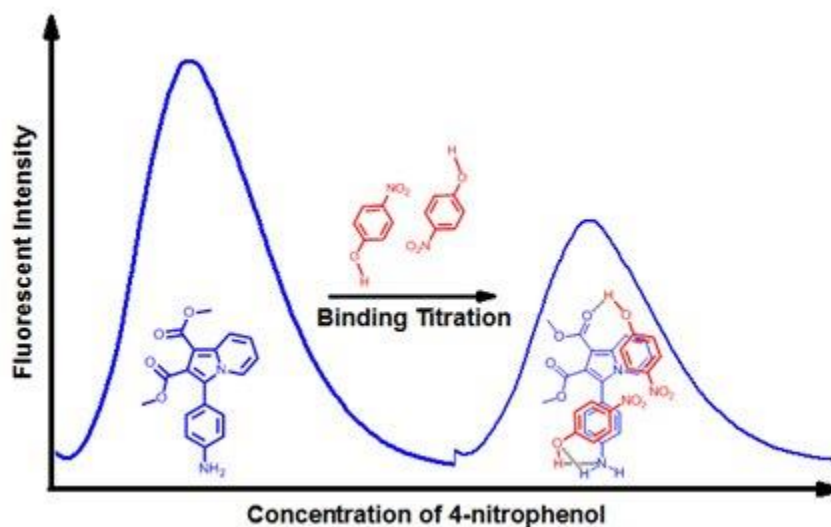
29. Synthesis and characterization of a substituted indolizine and investigation of its photoluminescence quenching via electron deficient nitroaromatics (14-8606QP)

Mustafa Kemal Bayazit and Karl S. Coleman

Full Text: [PDF \(307K\)](#)

Supplementary Material: [PDF \(2,238K\)](#)

pp. 362 - 371



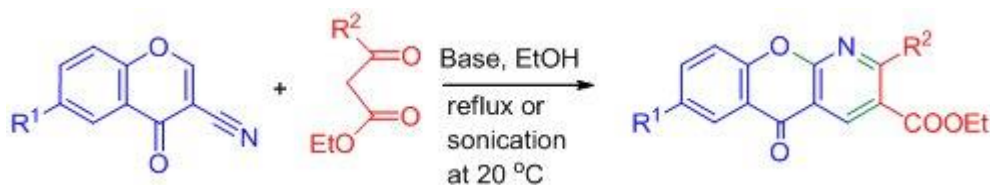
received Jan 17 2014; accepted Jun 5 2014; published Jul 13 2014;

30. Ultrasound promoted synthesis of chromeno[2,3-*b*]pyridines and their evaluation as lipid peroxidation inhibitors (14-8754DP)

Eleni Dimitriadou, Marianna Raftopoulou, Paraskevi M. Kasapidou, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, Dimitra J. Hadjipavlou-Litina, Christos Kontogiorgis, Agathi Pritsa and Athanasios Papadopoulos

Full Text: [PDF \(202K\)](#)

pp. 372 - 384



received May 5 2014; accepted Jun 30 2014; published Jul 13 2014;