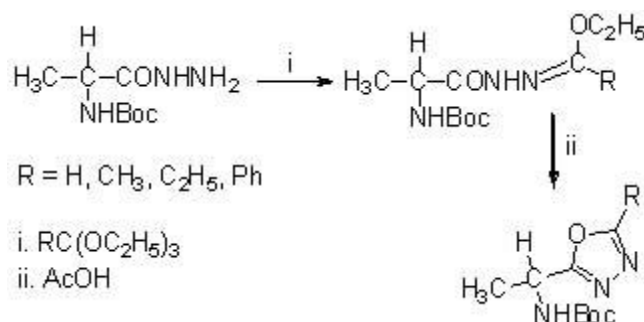


1. An effective conversion of *N'*-ethoxymethylene-2-(*N*-Boc-amino)propionhydrazides into 2-(1-aminoethyl)-1,3,4-oxadiazoles (09-4561EP)

Agnieszka Kudelko and Wojciech Zieliński

Full Text: [PDF \(247K\)](#)

pp. 1 - 8



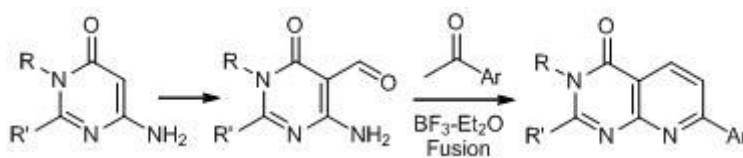
received Oct 8 2009; accepted Jan 18 2010; published Jan 31 2010;

2. 4-Aminopyrimidine-5-carbaldehydes as intermediates in a Friedländer type synthesis of 7-arylpyrido[2,3-*d*]pyrimidines (09-4327MP)

Manuel Nogueras Montiel, Jairo Quiroga, Jorge Trilleras, Rodrigo Abonia, Braulio Insuasty, Justo Cobo and Jose Manuel de la Torre

Full Text: [PDF \(344K\)](#)

pp. 9 - 27



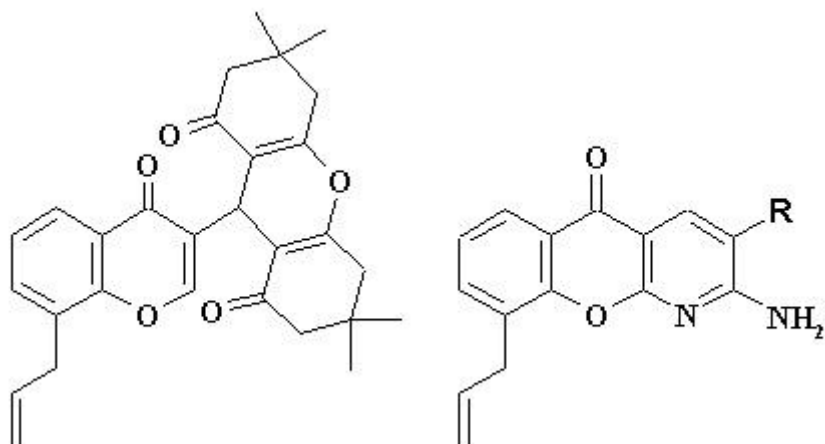
received Aug 18 2009; accepted Jan 18 2010; published Jan 31 2010;

3. Synthesis and reactions of 8-allylchromone-3-carboxaldehyde (09-4603CP)

Salah S. Ibrahim, Hassan A. Allimony, Ali M. Abdel-Halim and Magdy A. Ibrahim

Full Text: [PDF \(246K\)](#)

pp. 28 - 38



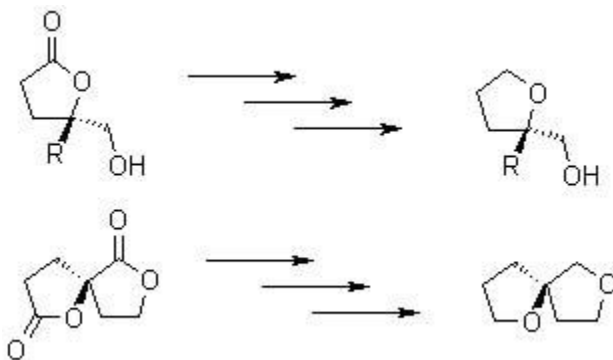
received Oct 20 2009; accepted Jan 17 2010; published Feb 2 2010;

4. Synthesis of chiral tetrahydrofuran derivatives (09-4607JP)

Margus Lopp, Allan Niidu, Anne Paju, Aleksander Mati Määrisepp, Tiit Kailas and Tõnis Pehk

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

pp. 39 - 52



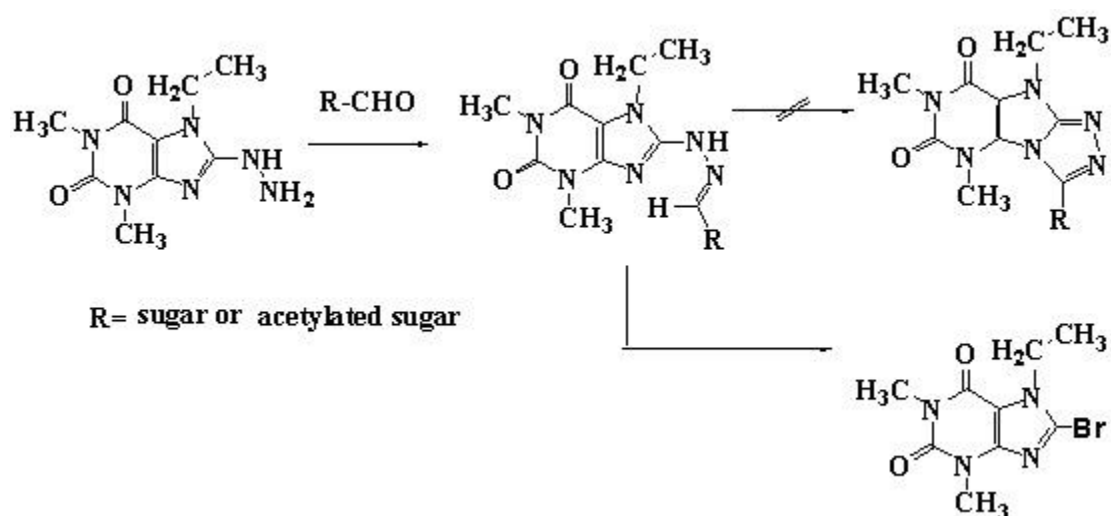
received Oct 20 2009; accepted Jan 17 2010; published Feb 7 2010;

5. Synthesis, structure and antimicrobial evaluation of new derivatives of theophylline sugar hydrazones (09-4709UP)

Mosselhi Abdelnabi Mosselhi, Magda Ahmed Abdallah, Nadia Hanavy Metwally, Ibrahim Adel El-Desoky and Laila Mohamed Break

Full Text: [PDF \(232K\)](#)

pp. 53 - 63



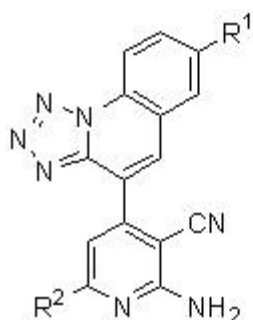
received Nov 10 2009; accepted Jan 27 2010; published Feb 11 2010;

6. An efficient one-pot synthesis and *in vitro* antimicrobial activity of new pyridine derivatives bearing the tetrazoloquinoline nucleus (09-4700EP)

Divyesh C. Mungra, Manish P. Patel and Ranjan G. Patel

Full Text: [PDF \(236K\)](#)

pp. 64 - 74



Where,

$R^1 = \text{H, CH}_3, \text{OCH}_3$

$R^2 = \text{C}_6\text{H}_5, 4\text{-CH}_3\text{C}_6\text{H}_4, 4\text{-OCH}_3\text{C}_6\text{H}_4$

2-furyl, 2-thienyl, 2-pyridyl,

3-pyridyl, 4-pyridyl

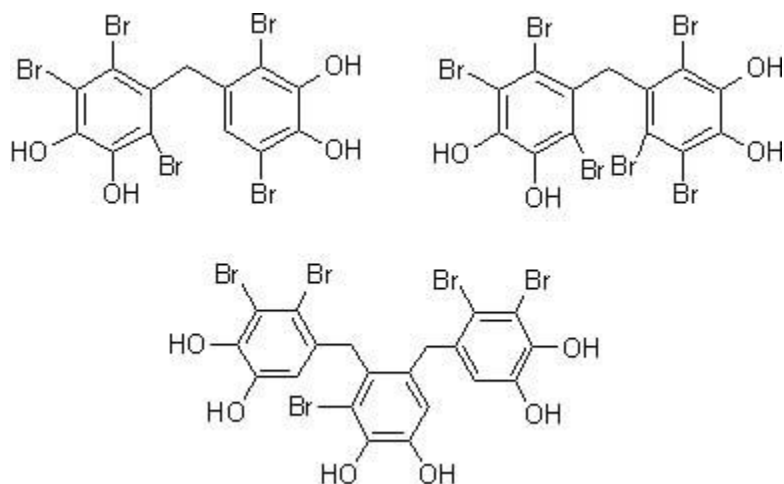
received Nov 9 2009; accepted Jan 17 2010; published Feb 17 2010;

7. First and short syntheses of biologically active, naturally occurring brominated mono- and dibenzyl phenols (09-4654CP)

Abdullah Menzek, Halis T  rker Balaydın, Yusuf Akbaba, Ertan Şahin and S  leyman G  lksu

Full Text: [PDF \(444K\)](#)

pp. 75 - 87



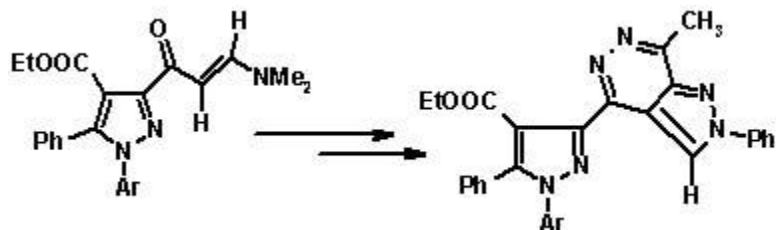
received Nov 1 2009; accepted Feb 14 2010; published Feb 21 2010;

8. Synthesis, reactions and antitumor activity of new β -aminovinyl 3-pyrazolyl ketones (09-4835VP)

Ahmad Sami Shawali, Thoraya A. Farghaly and Ahmad R. Al-Dahshoury

Full Text: [PDF \(277K\)](#)

pp. 88 - 99



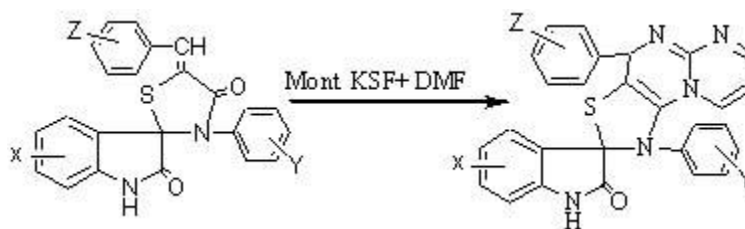
received Dec 6 2009; accepted Feb 14 2010; published Feb 21 2010;

9. New strategy for the synthesis of novel spiro[indoline-3,2'-thiazolo[5,4-*e*]pyrimido[1,2- α]pyrimidine] derivatives (09-4729EP)

Anshu Dandia

Full Text: [PDF \(223K\)](#)

pp. 100 - 108



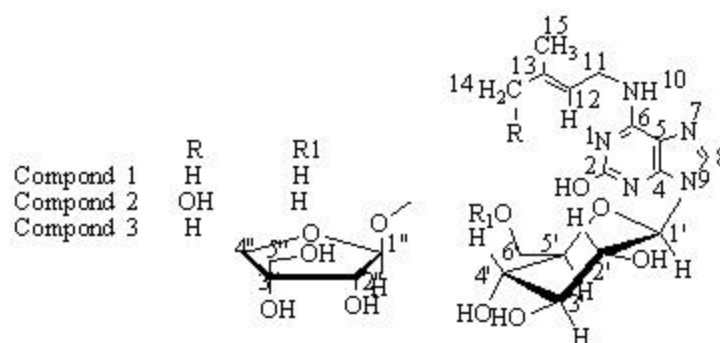
received Nov 13 2009; accepted Jan 17 2010; published Jan 21 2010;

10. Isolation and structure identification of new cytokinins from *Gleditsia caspia* (09-4751HP)

Usama Yoseef Shaheen, Mohammad Hosny Hussain, Ehab Abd Alwahab Ragab and Abd El-Salam Ibrahim Mohammed

Full Text: [PDF \(254K\)](#)

pp. 109 - 117



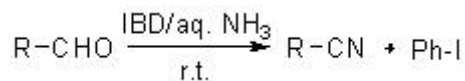
received Nov 18 2009; accepted Feb 1 2010; published Feb 21 2010;

11. A new, mild and high yielding protocol for the preparation of nitriles from aldehydes using iodosobenzene diacetate in aqueous ammonia (09-4162LP)

Seema Bag, Nilesh R. Tawari and Mariam S. Degani

Full Text: [PDF \(159K\)](#)

pp. 118 - 123



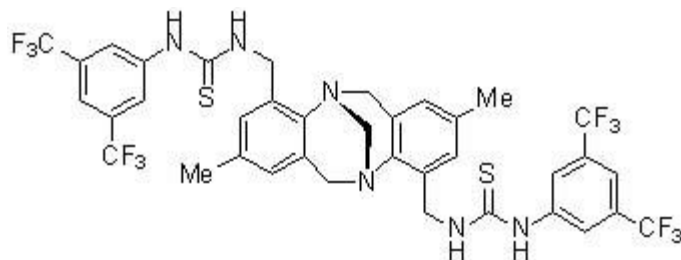
received Jun 17 2009; accepted Jan 27 2010; published Feb 21 2010;

12. Thiourea derivatives of Tröger's base: synthesis, enantioseparation and evaluation in organocatalysis of Michael addition to nitroolefins (09-4753DP)

Sergey Sergeyev and Delphine Didier

Full Text: [PDF \(310K\)](#)

pp. 124 - 134



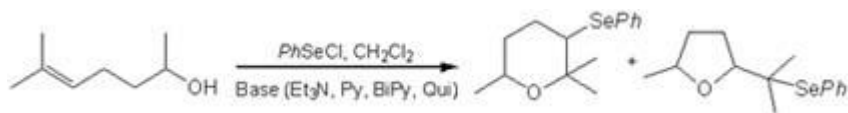
received Nov 18 2009; accepted Jan 27 2010; published Feb 21 2010;

13. Based catalyzed phenylselenoetherification of 6-methyl- hept-5-en-2-ol (09-4852UP)

Zorica M Bugarcic, Marina D. Rvovic and Vera M. Divac

Full Text: [PDF \(281K\)](#)

pp. 135 - 145



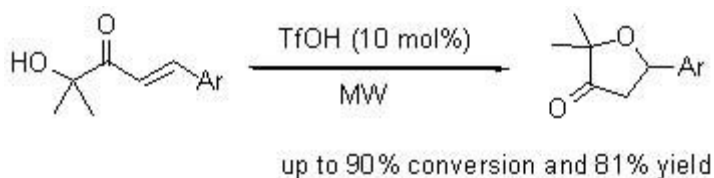
received Dec 10 2009; accepted Feb 14 2010; published Feb 21 2010;

14. Acid-catalyzed intramolecular oxa-Michael addition reactions under solvent-free and microwave irradiation conditions (09-4524HP)

Yi-Ming Hong, Zhen-Lu Shen, Xin-Quan Hu, Wei-Min Mo, Xiao-Fei He, Bao-Xiang Hu and Nan Sun

Full Text: [PDF \(253K\)](#)

pp. 146 - 155



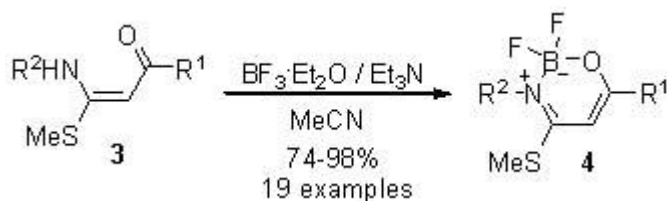
received Sep 30 2009; accepted Feb 8 2010; published Feb 28 2010;

15. Synthesis of BF₂ complex of 3-methylthio enaminones (09-4801KP)

Ti Zhang, Yue-Mei Jia, Sheng-Jiao Yan, Chu-Yi Yu and Zhi-Tang Huang

Full Text: [PDF \(301K\)](#)

pp. 156 - 170



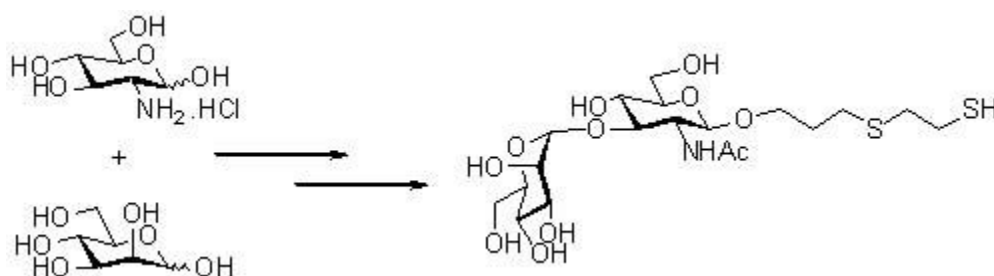
received Nov 30 2009; accepted Feb 14 2010; published Feb 28 2010;

16. Synthesis of a mannose-capped disaccharide with a thiol terminus (09-4768JP)

Chao Wang, Yuan-lin Zhou, Wen-bin Yang, Xiao-ping Hu and David C Baker

Full Text: [PDF \(277K\)](#)

pp. 171 - 180



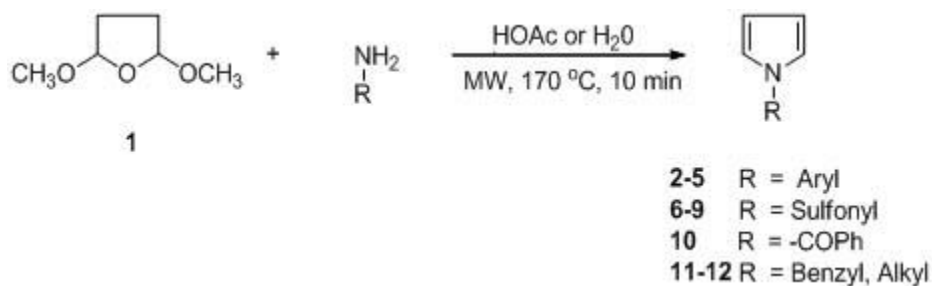
received Nov 21 2009; accepted Jan 17 2010; published Feb 28 2010;

17. Microwave-assisted Clauson-Kaas synthesis of pyrroles (09-4732GP)

Daniel M. Ketcha, Kelsey C. Miles, Sunshine M. Mays, Benjamin K. Southerland and Tyler J. Auvil

Full Text: [PDF \(241K\)](#)

pp. 181 - 190



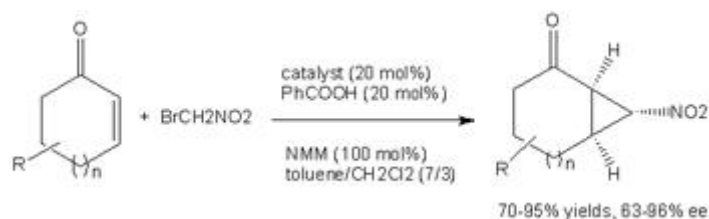
received Nov 13 2009; accepted Jan 18 2010; published Feb 28 2010;

18. Asymmetric conjugate addition of bromonitromethane to cyclic enones catalyzed by chiral monosulfonated diamines (09-4955UP)

Quan-sheng Du, Li-ting Dong, Jin-jia Wang, Rui-jiong Lu and Ming Yan

Full Text: [PDF \(289K\)](#)

pp. 191 - 199



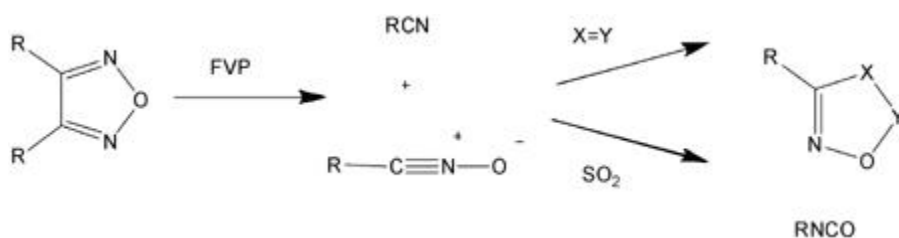
received Jan 6 2010; accepted Feb 20 2010; published Mar 7 2010;

19. Thermal fragmentation of 1,2,5- and 1,2,4-oxadiazoles (09-4902UP)

William R. Mitchell and R. Michael Paton

Full Text: [PDF \(299K\)](#)

pp. 200 - 216



received Dec 21 2009; accepted Feb 20 2010; published Mar 7 2010;

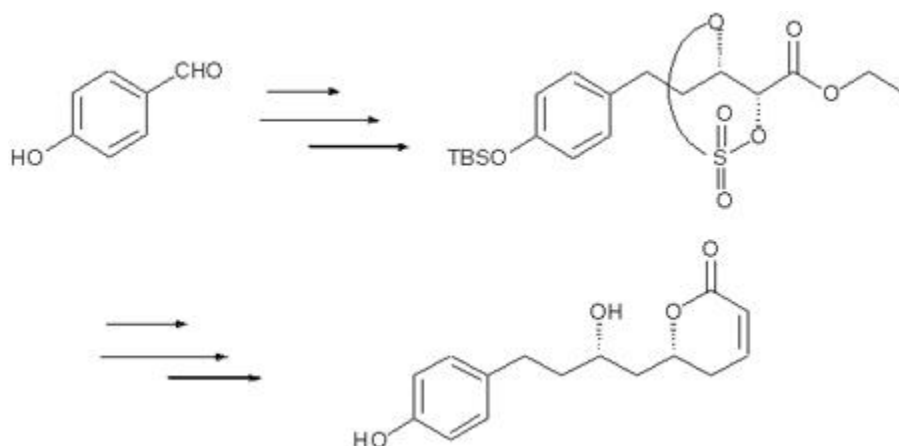
20. A formal enantioselective synthesis of (+)-dodoneine via cyclic sulfate methodology (09-4905NP)

Srinivas Kantevari, Srinivasu V.N. Vuppalapati and Siddamal R. Putapatri

Full Text: [PDF \(209K\)](#)

Supplementary Material: [PDF \(278K\)](#)

pp. 217 - 226



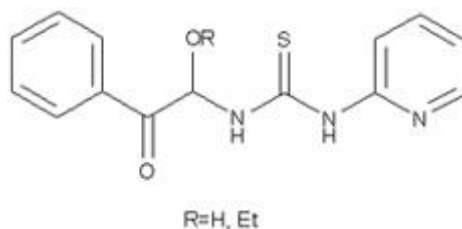
received Dec 22 2009; accepted Feb 20 2010; published Mar 9 2010;

21. Synthesis and anti-HIV activity evaluation of new phenyl ethyl thiourea (PET) derivatives (09-4650GP)

Roberta Ettari, Andrea Pinto and Nicola Micale

Full Text: [PDF \(181K\)](#)

pp. 227 - 234



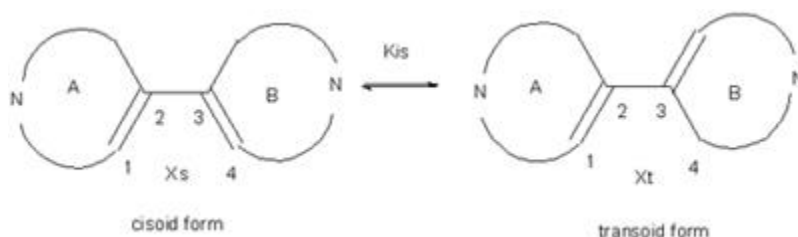
received Oct 31 2009; accepted Feb 8 2010; published Mar 10 2010;

22. Quantum chemical studies on acidity-basicity behaviors of some bipyridine derivatives (09-4114QP)

C. Ağretir, İ. İ. Aytürk and N.F. Tay

Full Text: [PDF \(702K\)](#)

pp. 235 - 254



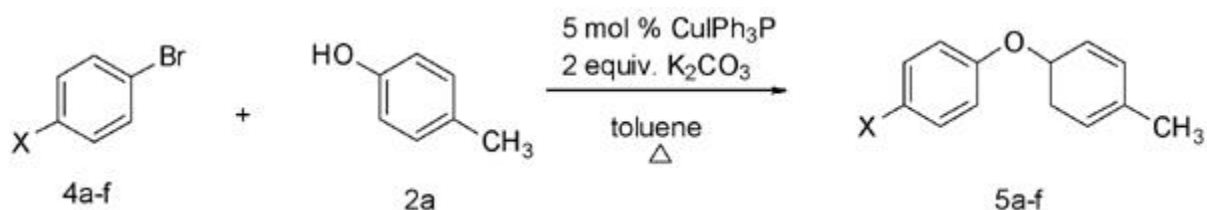
received Jun 2 2009; accepted Feb 5 2010; published Mar 14 2010;

23. Aryl ether synthesis *via* low-cost Ullmann coupling systems (09-4489MP)

Eric Fossum, Zhenning Yu and Loon-Seng Tan

Full Text: [PDF \(198K\)](#)

pp. 255 - 265



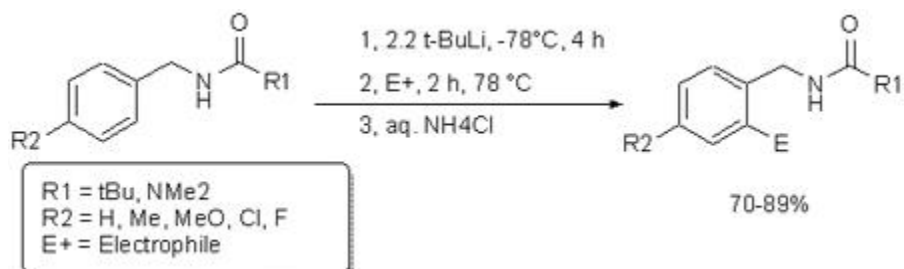
received Sep 23 2009; accepted Feb 8 2010; published Mar 14 2010;

24. Variation in sites of lithiation of substituted *N*-benzylpivalamides and *N'*-benzyl-*N,N*-dimethylureas: application in synthesis (09-4804ZP)

Gamal A El-Hiti, Keith Smith, Amany S Hegazy, Ahmed Fekri and Benson M Kariuki

Full Text: [PDF \(656K\)](#)

pp. 266 - 300



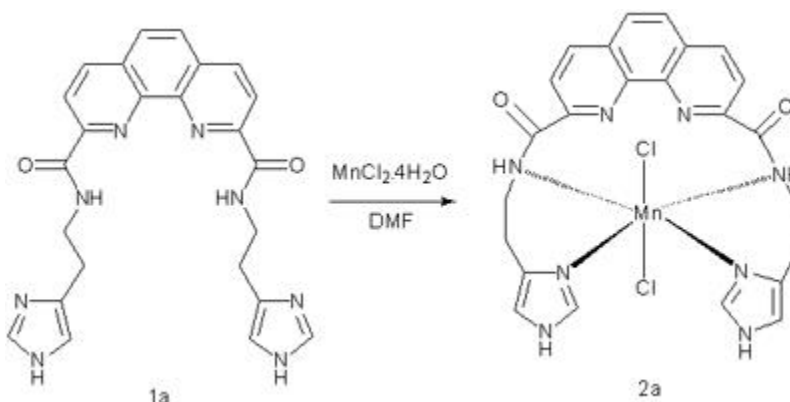
received Nov 30 2009; accepted Feb 20 2010; published Mar 14 2010;

25. Designer ligands. part 15. synthesis and characterisation of novel Mn(II), Ni(II) and Zn(II) complexes of 1,10-phenanthroline-derived ligands. (09-4701DP)

Perry T Kaye, Kevin W Wellington and Gareth M Watkins

Full Text: [PDF \(428K\)](#)

pp. 301 - 313



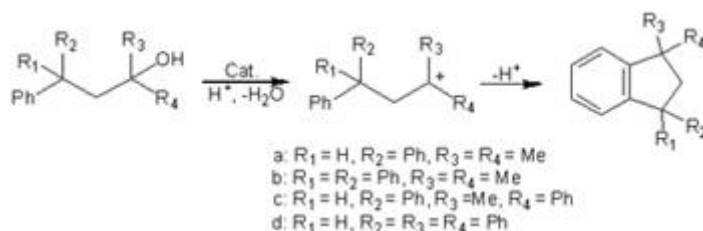
received Nov 9 2009; accepted Feb 25 2010; published Apr 10 2010;

26. Modern Friedel-Crafts chemistry. part 31. An efficient synthetic approach to mono-, di- and triphenylindans *via* direct Friedel-Crafts cyclialkylation of selected phenylated alkanols (09-4969UP)

Ali Ali Khalaf, Ahmad M. El-Khawaga, Ibrahim M. Awad and Hassan A. K. Abd El-Aal

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

pp. 314 - 323



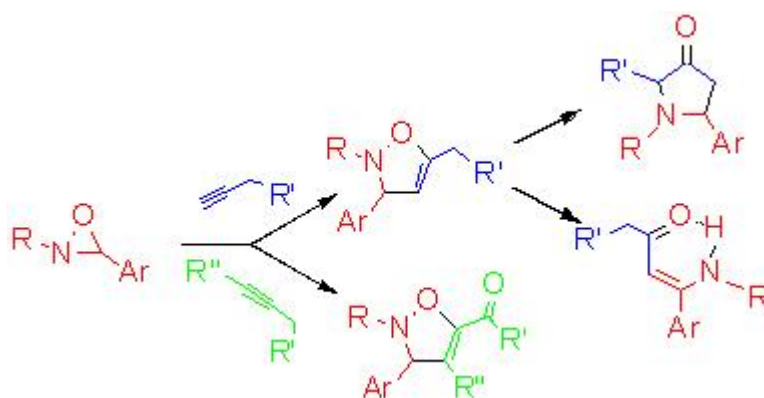
received Jan 10 2010; accepted Feb 10 2010; published Apr 20 2010;

27. [3+2] Cycloaddition reaction between aliphatic alkynes and oxaziridines (09-4479KP)

Luigino Troisi, Marilena Fabio, Francesca Rosato and Valeria Videtta

Full Text: [PDF \(242K\)](#)

pp. 324 - 336



received Sep 22 2009; accepted Feb 14 2010; published May 5 2010;

28. Electron ionization (EI) mass spectra of some 3,4-disubstituted-1,2,4-oxadiazin-5-ones and -thiones and 3,5-disubstituted 1,2,4-oxadiazin-6-ones (09-4868UP)

Olli Pauli Martiskainen, Kalevi Pihlaja, Sanna Heinonen, Hikmet Ağırbaş and Nevin Arikan

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

pp. 337 - 345

1-15

	R ¹	R ²	X
1	2-Py	Bzl	O
2	4-Py	Bzl	O
3	3-Py	<i>p</i> -CH ₃ C ₆ H ₄	O
4	4-Py	C ₆ H ₅	O
5	C ₆ H ₅	<i>p</i> -CH ₃ C ₆ H ₄	O
6	4-Py	<i>p</i> -CH ₃ OC ₆ H ₄	O
7	C ₆ H ₅	<i>p</i> -CH ₃ C ₆ H ₄	S
8	<i>p</i> -ClC ₆ H ₅	<i>p</i> -CH ₃ C ₆ H ₄	S
11	CH ₃	H	O
12	C ₆ H ₅	CH ₃	O
13	C ₆ H ₅	C ₆ H ₅	O
14	C ₆ H ₅	CH ₃	S
15	C ₆ H ₅	C ₆ H ₅	S

9-10

	R ¹	R ²
9	2-Py	(CH ₃) ₂ CH
10	2-Py	Bzl

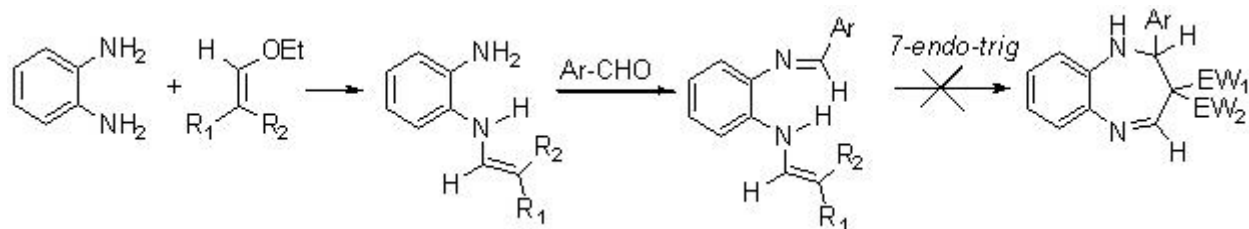
received Dec 14 2009; accepted Mar 20 2010; published May 5 2010;

29. The reaction of *o*-phenylenediamine with ethoxymethylene compounds and aromatic aldehydes (09-4769GP)

Fernanda P. Proena and Elina R. Marinho

Full Text: [PDF \(679K\)](#)

pp. 346 - 361



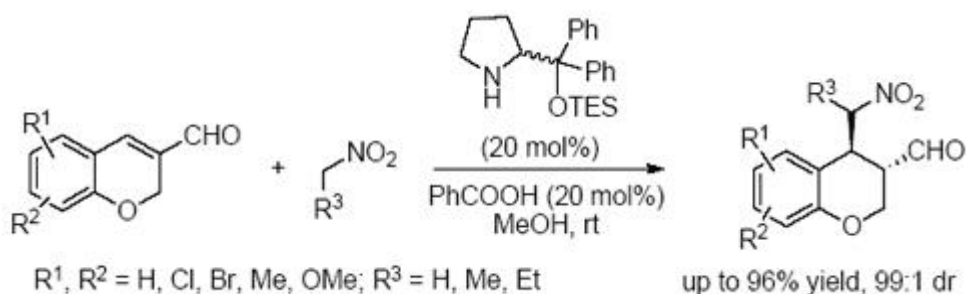
received Nov 21 2009; accepted Mar 20 2010; published May 5 2010;

30. Organocatalytic conjugate addition of nitroalkanes to 2H-chromene-3-carbaldehydes: synthesis of highly functionalized chroman derivatives (09-5062UP)

Ming Yan

Full Text: [PDF \(324K\)](#)

pp. 362 - 375



received Feb 3 2010; accepted Apr 8 2010; published May 6 2010;