

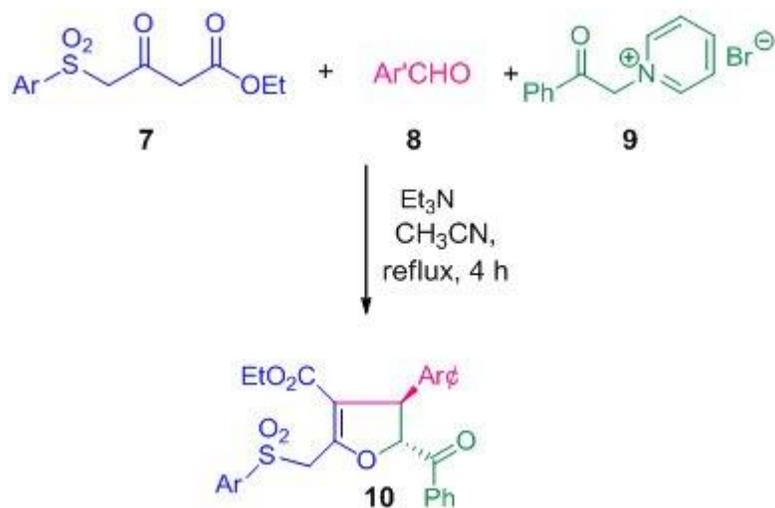
1. A facile regio- and stereoselective synthesis of *trans*-ethyl 5-aryl-4-aryl-2-[(arylsulfonyl)methyl]-4,5-dihydrofuran-3-carboxylates (13-7921YP)

Palani Sokkan Harikrishnan, Stephen Michael Rajesh, Abdulrahman I. Almansour and Subbu Perumal

Full Text: [PDF \(186K\)](#)

Supplementary Material: [PDF \(3,521K\)](#)

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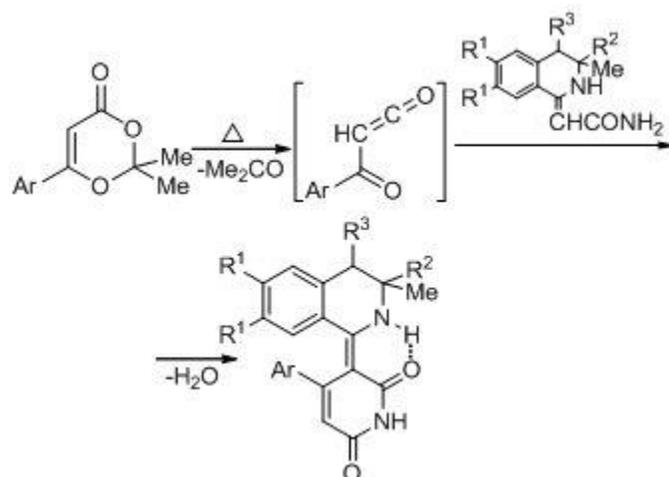
received Dec 7 2012; accepted Feb 23 2013; published Jul 15 2013;

2. Direct heterocyclization of [3,4-dihydroisoquinolin-1(2H)-ylidene]acetamides with aroylketenes. Crystal and molecular structure of (Z)-3-(4a-methyl-1,3,4,4a,5,10b-hexahydrophenanthridin-6(2H)-ylidene)-4-phenylpyridine-2,6(1H,3H)-dione (13-7980DP)

Valeriya Vladislavovna Konovalova, Yurii Vladimirovich Shklyayev, Pavel Alexandrovich Slepukhin and Andrey Nikolaevich Maslivets

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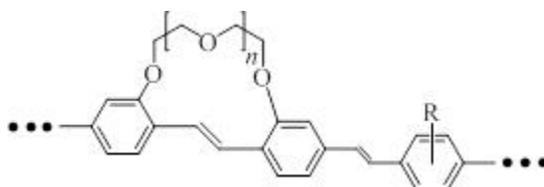
received Jan 16 2013; accepted May 24 2013; published Jul 18 2013;

3. Crown ethers in the OPV series (13-7988JP)

Dirk SchwÄppe, Bernhard Beile and Herbert Meier

Full Text: [PDF \(696K\)](#)

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received Jan 22 2013; accepted Apr 25 2013; published Jul 26 2013;

4. Solvent-free microwave-assisted synthesis of tetrahydrooxazolo[3,2-a]pyrazolo[1,5-d]pyrazin-5-ones (13-8083OP)

Shi-Li Shen, Liang-Wen Zheng, Sheng-Qing Wang, Yan-Ru Zhang, Yuan Zhang, Ying Rui Liu and Bao-Xiang Zhao

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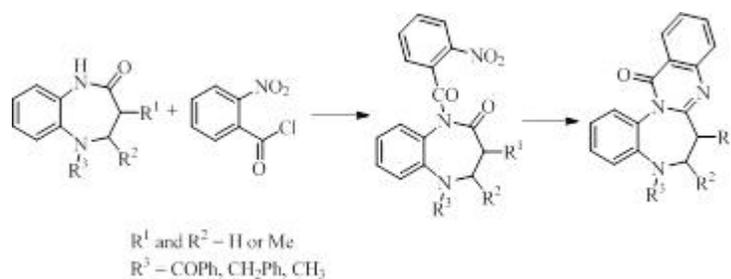
received Mar 15 2013; accepted Jun 16 2013; published Jul 26 2013;

5. A combined experimental and theoretical study of the synthesis of quinazolino[3,2- α][1,5]benzodiazepin-13-ones (13-8073QP)

Regina Janciene, Austra Vektariene, Gema Mikulskiene, Tomas Javorskis, Gytis Vektaris and Algirdas Klimavicius

Full Text: [PDF \(804K\)](#)

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received Mar 13 2013; accepted May 27 2013; published Jul 26 2013;

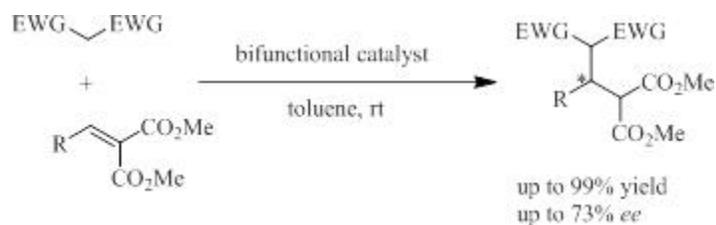
6. Selective Michael additions to alkylidenemalonates using thiourea-based bifunctional organocatalysts (13-8098VP)

Declan P. Gavin and John C. Stephens

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Supplementary Material: [PDF \(1,112K\)](#)

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received Mar 22 2013; accepted Jun 14 2013; published Jul 26 2013;

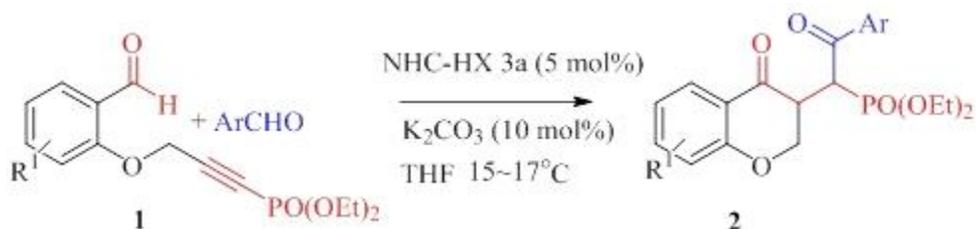
7. N-Heterocyclic carbene-catalyzed domino hydroacylation/Stetter reactions of salicyl alkynylphosphonates and aromatic aldehydes (13-8158OP)

Zhen-Qiang Wang, Ying Wang and Deqing Shi

Full Text: [PDF \(275K\)](#)

Supplementary Material: [PDF \(1,045K\)](#)

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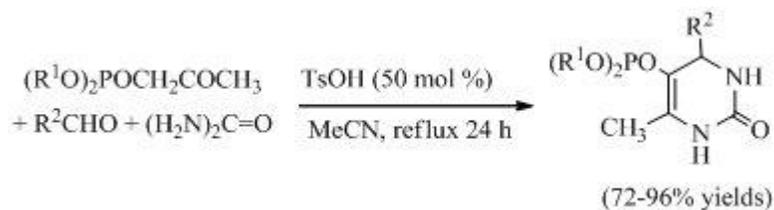
received Apr 21 2013; accepted Jun 14 2013; published Aug 5 2013;

8. β -Ketophosphonates as substrates in the Biginelli multicomponent reaction: an efficient and straightforward synthesis of phosphorylated dihydropyrimidinones (13-7871OP)

Idris Essid and Soufiane Touil

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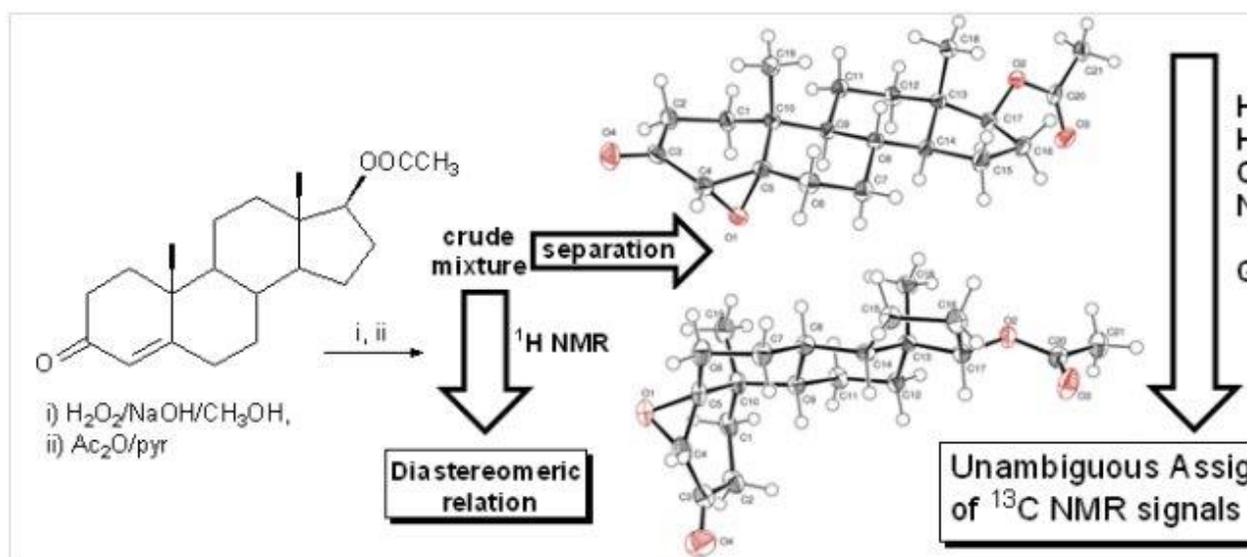
received Nov 8 2012; accepted May 24 2013; published Aug 5 2013;

9. Unambiguous assignment of ¹³C NMR signals in epimeric 4,5-epoxy-3-oxo-steroids assisted by X-ray diffraction and gauge invariant atomic orbitals calculation of absolute isotropic shieldings (13-8237JP)

Pablo Labra-Vázquez, Annia Galano, Margarita Romero-Ávila, Marcos Flores-Álamo and MartÍN A. Iglesias-Arteaga

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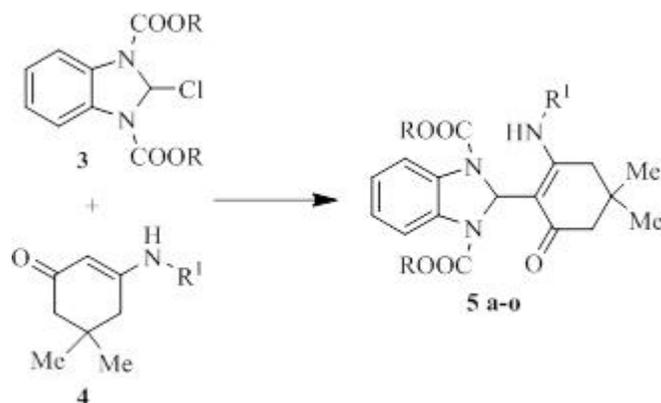
received May 28 2013; accepted Jul 14 2013; published Aug 7 2013;

10. Alkylative coupling of enamminones and benzimidazole (13-8153DP)

Milena Staykova, Stela Statkova-Abeghe, Plamen Angelov and Iliyan Ivanov

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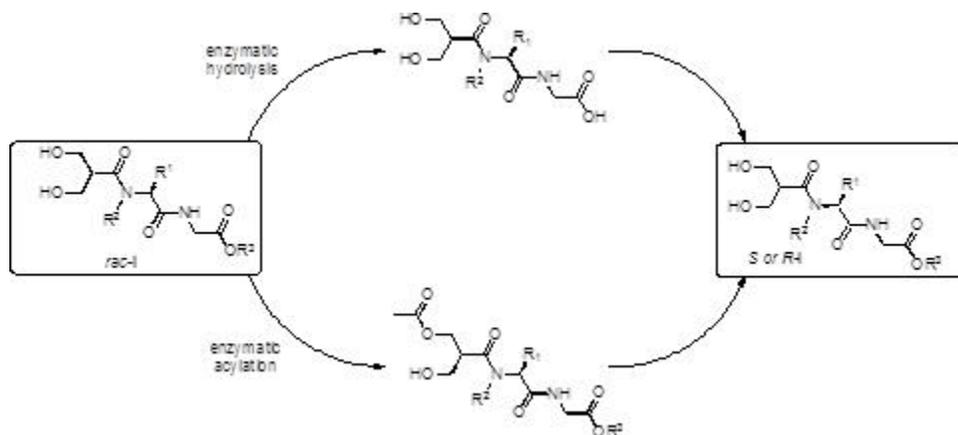
received Apr 19 2013; accepted Jun 16 2013; published Aug 18 2013;

11. Studies towards enzymatic kinetic resolutions of 1,3-diol peptidomimetics obtained via the Ugi reaction (13-8122UP)

Szymon Kłossowski, Adam Redzej, Sara Szymkuć and Ryszard Ostaszewski

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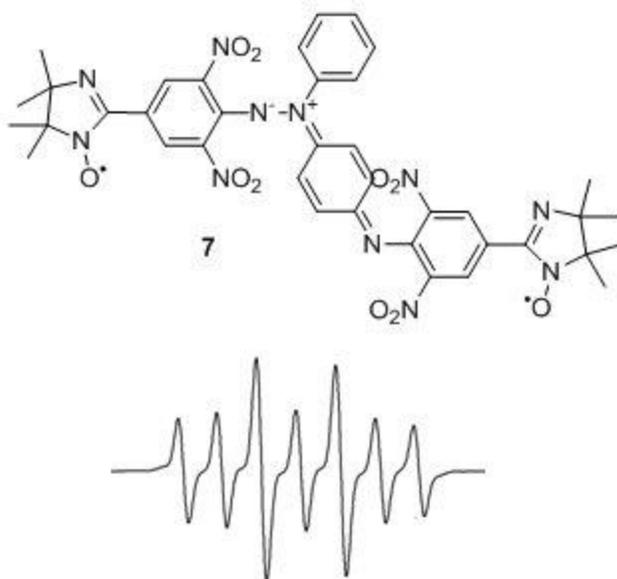
received Apr 2 2013; accepted Jun 18 2013; published Aug 18 2013;

12. Synthesis and structural characterization of a stable betaine imino-nitroxide free diradical (13-8314QP)

Anca Paun, Irina Zarafu, Miron T. Caproiu and Petre Ionita

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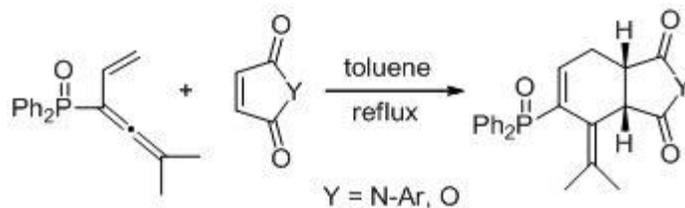
received Jul 10 2013; accepted Aug 10 2013; published Aug 18 2013;

13. Regio- and stereoselective Diels-Alder reaction of diphenyl 5-methylhexa-1,3,4-trien-3-yl phosphine oxide with *N*-(4-substituted-phenyl)maleimides and maleic anhydride (13-8267VP)

Ivaylo K. Ivanov, Ismail E. Ismailov and Valerij Ch. Christov

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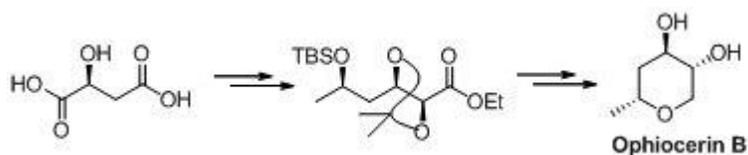
received Jun 14 2013; accepted Aug 6 2013; published Aug 18 2013;

14. Stereoselective synthesis of ophiocerin B (13-7986NP)

Bhasker Akkala and Krishna Damera

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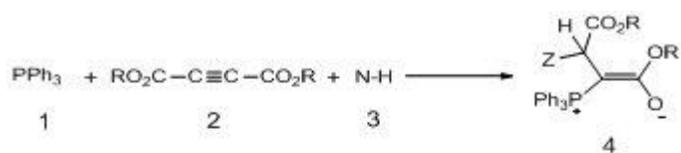
received Jan 21 2013; accepted Jul 14 2013; published Aug 18 2013;

15. Theoretical study, synthesis, kinetics and mechanistic investigation of a stable phosphorus ylide in the presence of methyl carbamate as a NH-acid (13-8182QP)

Mohammad Zakarianejad, Hojjat Ghasempour, Sayyed Mostafa Habibi-Khorassani, Malek Taher Maghsoodlou, Batoul Makiabadi, Mahmoud Nassiri, Zahra Ghahghayi and Alireza Abedi

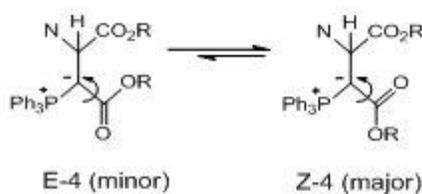
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4	R	%Yield	N
a	Me	92	
b	Et	90	

2	R
a	Me
b	Et
c	But



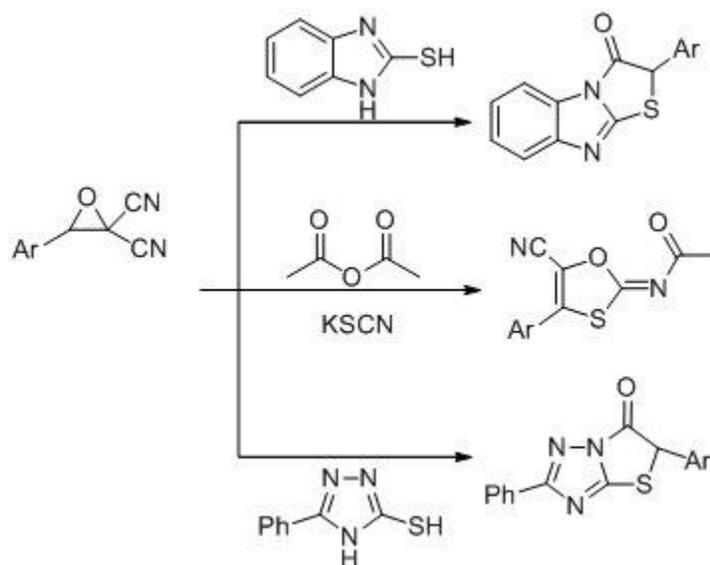
received May 3 2013; accepted Aug 7 2013; published Aug 18 2013;

16. Regioselective combination of 1,3-dinucleophiles such as 2-mercaptobenzimidazole, 5-mercapto-3-phenyltriazole and potassium thiocyanate with 2,2-dicyanooxiranes (13-8002GP)

Mohammad Seifi and Hassan Sheibani

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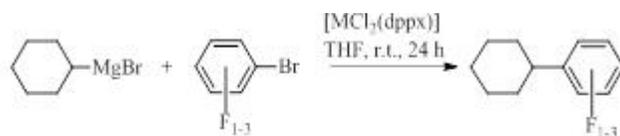
received Jan 27 2013; accepted Jun 14 2013; published Aug 21 2013;

17. A comprehensive study of the effects of spectator ligands, transition metals and lithium halide additives on the efficiency of iron, nickel and palladium-catalyzed cross-coupling reactions of cyclohexyl magnesium bromide with fluorinated bromobenzenes (13-8044ZP)

Adnan Dahadha and Wolfgang Imhof

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312 different combinations of nucleophile, electrophile and precatalyst tested

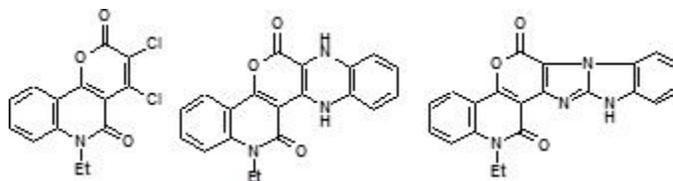
received Feb 20 2013; accepted Jun 22 2013; published Aug 23 2013;

18. Heteroannulated pyranoquinolinediones: Part 1. An efficient and convenient synthesis of the novel heteroannulated pyrano[3,2-c] quinoline-2,5(6H)-diones (13-8156DP)

Magdy A. Ibrahim and Hany Mohamed Hassanin

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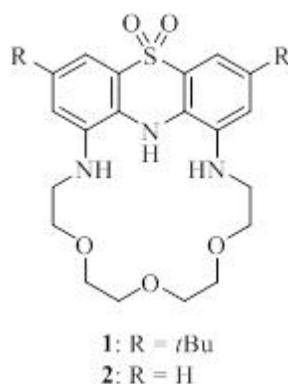
received Apr 20 2013; accepted Jun 15 2013; published Aug 23 2013;

19. Synthesis of novel 18-crown-6 type ligands containing a phenothiazine 5,5-dioxide unit (13-8014YP)

Attila Kormos, Attila Sveiczter, Tamás Földi, Ádám Rohonczi and Péter Huszthy

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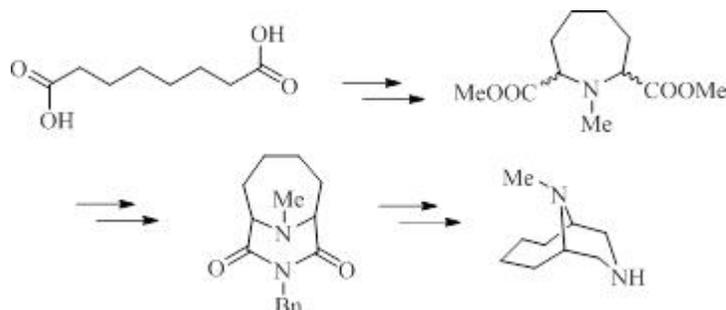
received Feb 1 2013; accepted May 27 2013; published Aug 28 2013;

20. Synthesis of 10-methyl-8,10-diazabicyclo[4.3.1]decane as a new building block for nicotinic modulators (13-8202JP)

Osvaldas Paliulis, Dan Peters, Wolfgang Holzer and Algirdas Sackus

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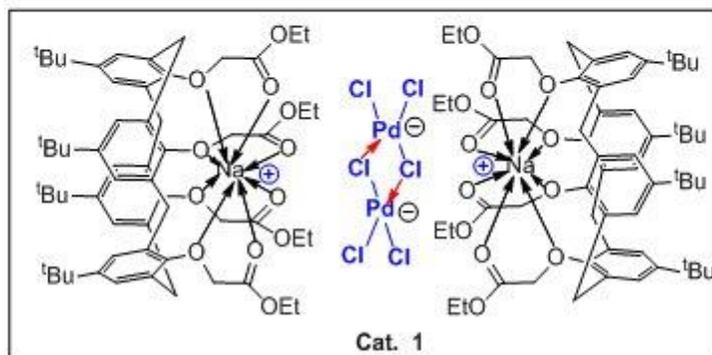
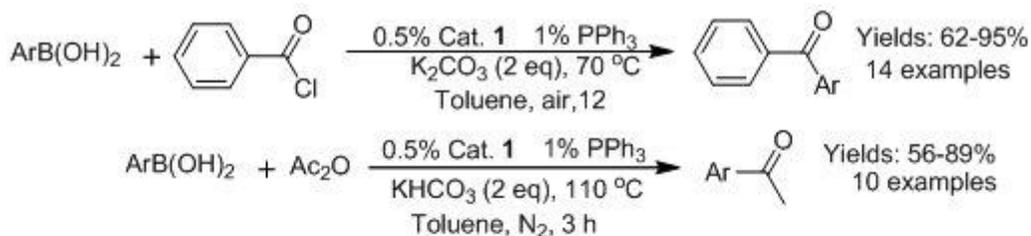
received May 13 2013; accepted Aug 16 2013; published Aug 28 2013;

21. Pd-tetraethyl tetra-*t*-butylcalixarene-tetra(oxyacetate) complex catalyzed acyldeboronation of arylboronic acids with benzoyl chloride or acetic anhydride (13-7750NP)

Jinli Zhang, Zixing Han, Junmiao Li and Yangjie Wu

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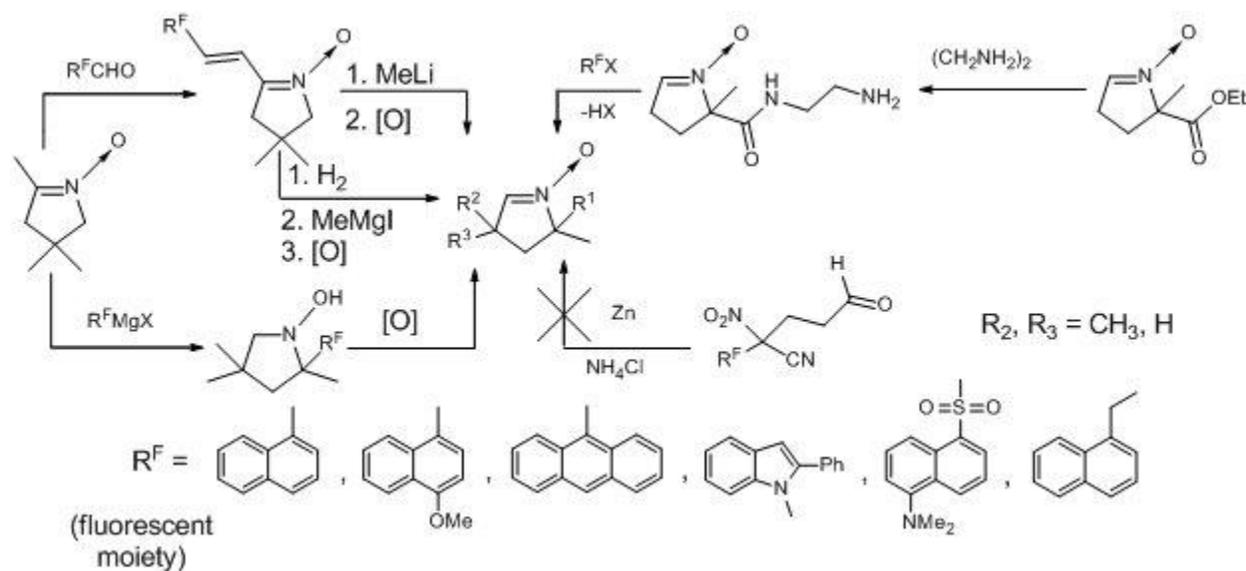
received Aug 31 2012; accepted Jun 21 2013; published Sep 5 2013;

22. Synthesis of 3,4-dihydro-2H-pyrrole 1-oxide based aldonitrones as potential spin trapping agents (13-8159ZP)

Andrey I. Taratayko, Christina S. Becker, Igor A. Grigor'ev, Yurii V. Gatilov, Tatyana V. Rybalova and Vladimir A. Reznikov

Full Text: [PDF \(325K\)](#)

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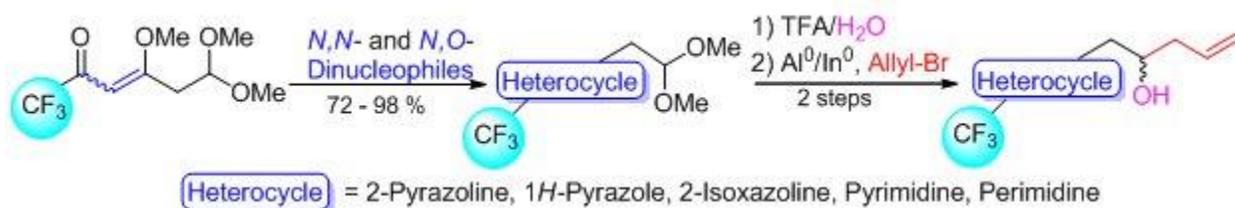
received Apr 22 2013; accepted Jul 14 2013; published Sep 10 2013;

23. Easy and regioselective access to dimethyl acetal-protected heterocycles and their efficient allylation reactions mediated by allylaluminum reagent (13-8164SP)

Helio G. Bonacorso, Carson W. Wiethan, Liliane M. F. Porte, Maiara C. Moraes, Jussara Navarini, Chaiene R. Belo, Fãjbio M. Luz, Nilo Zanatta and Marcos A. P. Martins

Full Text: [PDF \(188K\)](#)

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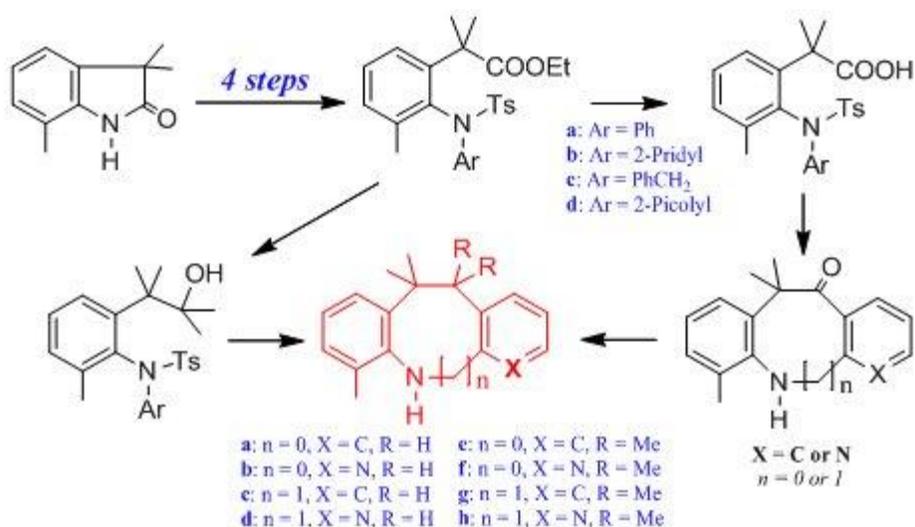
received Apr 26 2013; accepted Jun 21 2013; published Sep 10 2013;

24. Friedel-Crafts chemistry. Part 40. An expedient novel synthesis of some dibenz-azepines, -azocines, 11*H*-benzo[*f*]pyrido[2,3-*b*]azepines and 6*H*-benzo[*g*]pyrido[2,3-*c*]azocines (13-8163IP)

Hassan A. K. Abd El-Aal and Ali A. Khalaf

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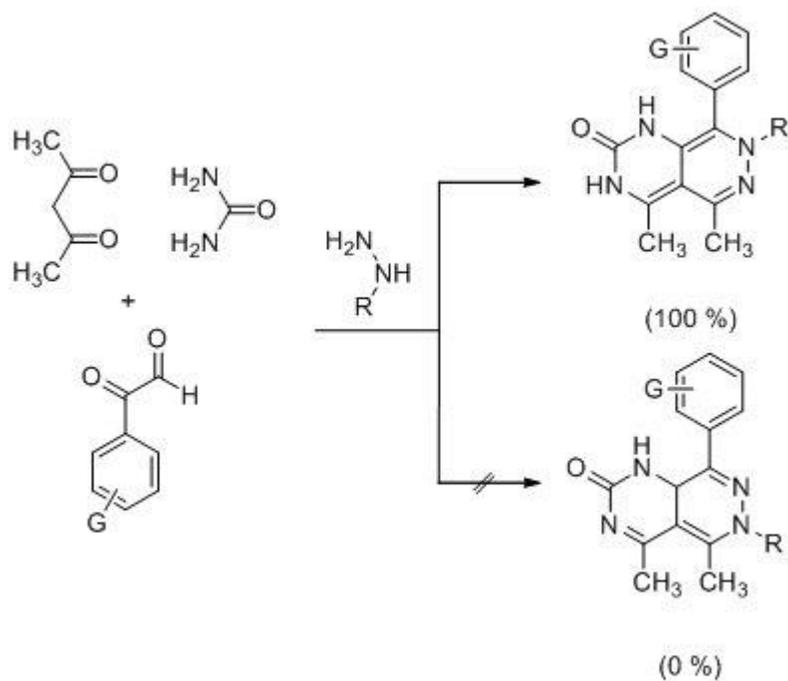
received Apr 24 2013; accepted Jul 15 2013; published Sep 10 2013;

25. The first practical approach to new pyrimido[4,5-*d*]pyridazines: novel chemoselective and regioselective reactions (13-7963MP)

Bahador Karami, Sedigheh Akrami, Saeed Khodabakhshi and S. Setareh Rahmatzadeh

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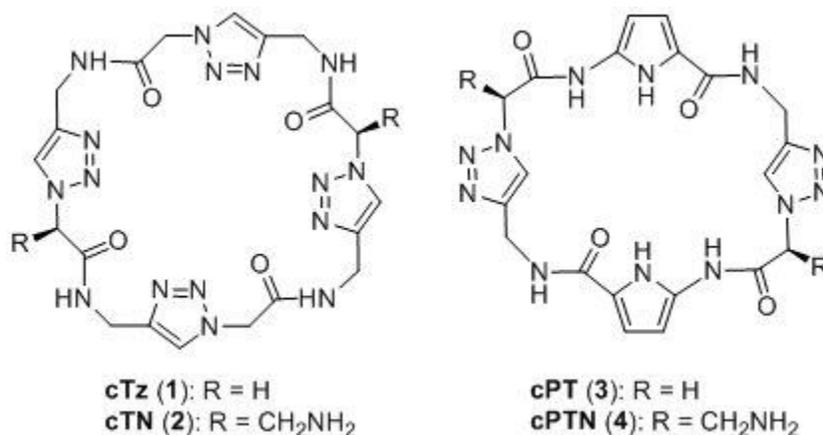
received Jan 6 2013; accepted Jun 14 2013; published Nov 3 2013;

26. Synthesis of G-quadruplex-targeting flexible macrocyclic molecules via click reaction (13-8384VP)

Qiang Zhang, Wei Tan and G. Yuan

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received Aug 20 2013; accepted Oct 9 2013; published Nov 17 2013;

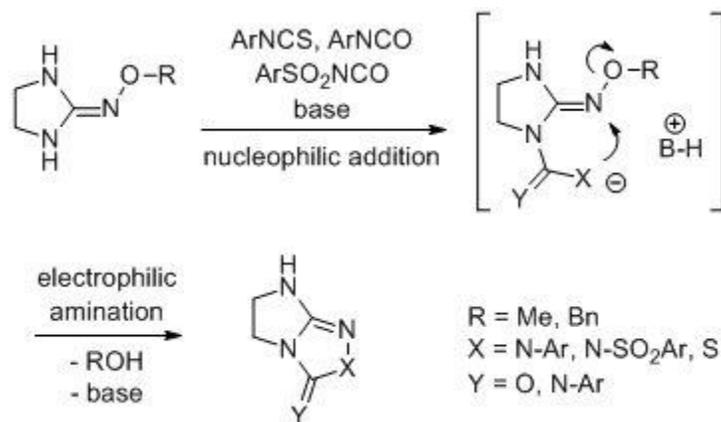
27. Reactivity of cyclic alkoxyguanidines – experimental and theoretical studies (13-8303UP)

Jaroslav Saczewski, Martyna Korcz, Patrycja Karczewska and Maria Gdaniec

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Supplementary Material: [PDF \(2,380K\)](#)

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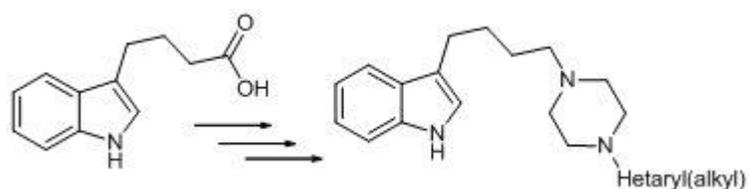
received Jul 5 2013; accepted Oct 13 2013; published Nov 17 2013;

28. Synthesis of 1-substituted-4-[4-(1*H*-indol-3-yl)butyl]piperazines (13-8289VP)

Linas Labanauskas, Rita Mazeikaite, Gintaras Urbelis, Olga Gedrimaite, Jurgis Sudzius and Inga Cikotiene

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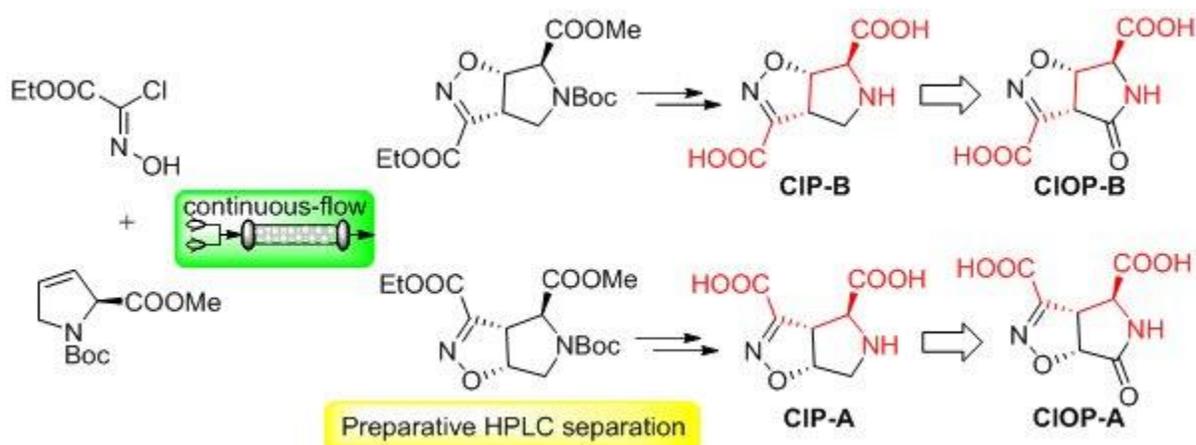
received Jun 26 2013; accepted Oct 9 2013; published Nov 17 2013;

29. Efficient synthesis of kainic acid analogues (13-8420ZP)

Lucia Tamborini, Federica Mastronardi, Gregorio Cullia, Roberta Ettari and Carlo De Micheli

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received Sep 11 2013; accepted Nov 8 2013; published Dec 11 2013;

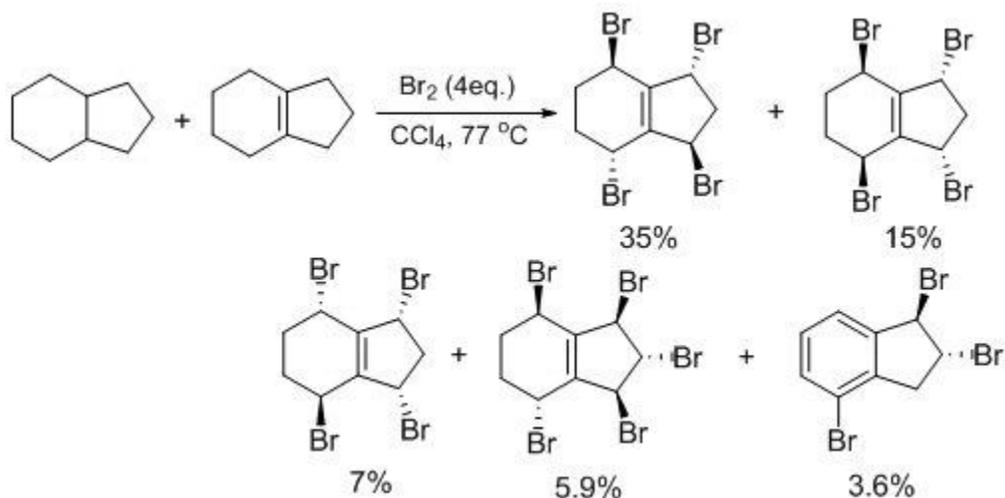
30. High temperature bromination Part XXIII: Bromination of octahydro-1*H*-indene and octahydro-1*H*-4,7-methanoindene (13-8195YP)

Melek Sermin Ozer, Benan Kilbas and Metin Balci

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Supplementary Material: [PDF \(2,815K\)](#)

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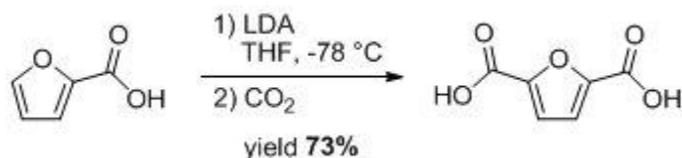
received May 11 2013; accepted Aug 28 2013; published Dec 11 2013;

31. One-step synthesis of furan-2,5-dicarboxylic acid from furan-2-carboxylic acid using carbon dioxide
(13-8285DP)

Răzbert Fischer and Măria Fișerovăi

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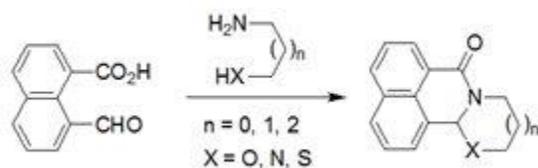
received Jun 25 2013; accepted Aug 28 2013; published Dec 11 2013;

32. A versatile synthesis of bicyclic lactams from 1,8-naphthalaldehydic acid: an extension of Meyers' method
(13-8321SP)

Miguel Ángel Claudio-Catalán, Miguel Ángel Reyes-González and Mario Ordóñez

Full Text: [PDF \(285K\)](#)

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received Jul 11 2013; accepted Sep 9 2013; published Dec 11 2013;

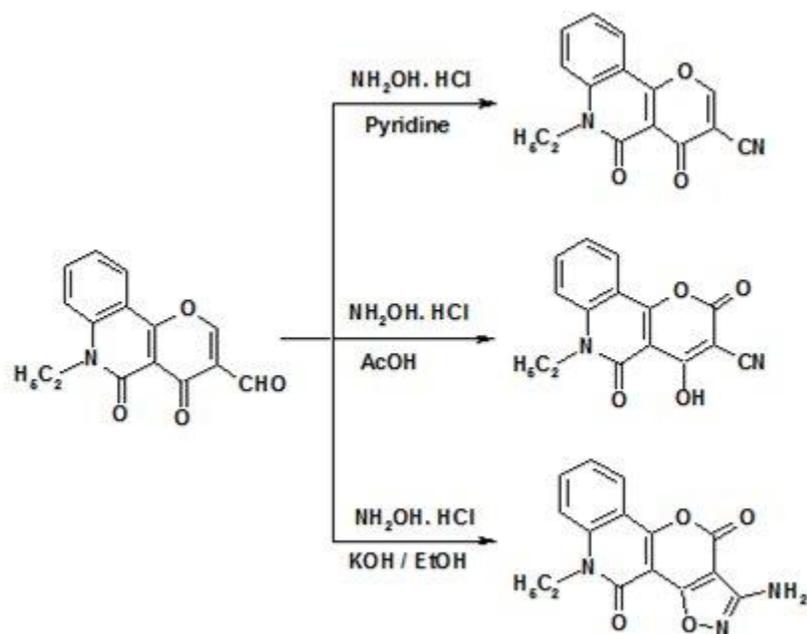
33. Substituted quinolinones, Part 23. Synthesis of 6-ethyl-4,5-dioxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carboxaldehyde and its chemical behavior towards hydroxylamine hydrochloride (13-8265KP)

Magdy A. Ibrahim, Hany M. Hassanin, Mohamed Abbas and Shima Badran

Full Text: [PDF \(420K\)](#)

Supplementary Material: [PDF \(842K\)](#)

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received Jun 13 2013; accepted Oct 9 2013; published Dec 11 2013;