

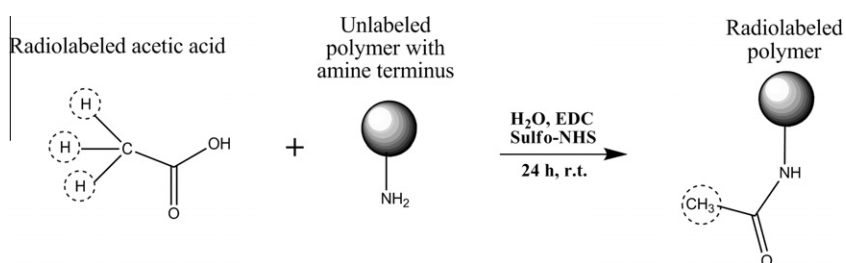
Tetrahedron Letters Vol. 54, Issue 9, 2013

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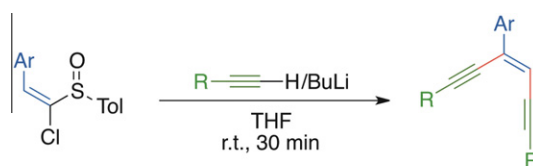
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Ghaith Aljayyousi*, Mark Gumbleton



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Tsutomu Kimura, Yuka Nishimura, Naoyuki Ishida, Hitoshi Momochi, Hironori Yamashita, Tsuyoshi Satoh*

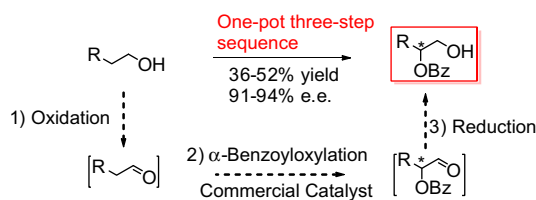


13 examples up to 80% yield



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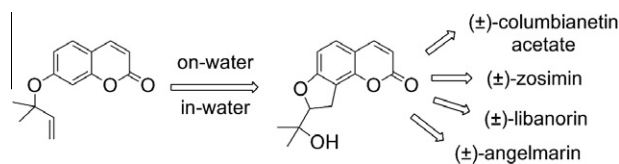
Philippe Hermange, François Portalier, Christine Thomassigny, Christine Greck*



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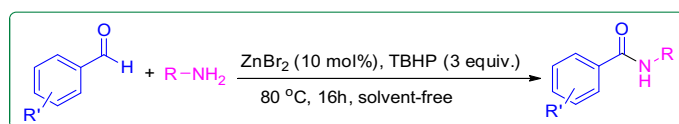
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Kaitlin D. Beare, Christopher S. P. McErlean*

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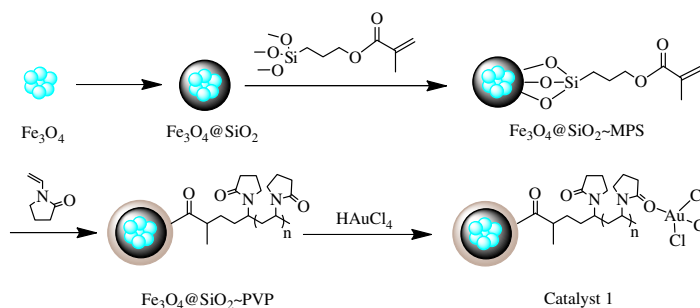
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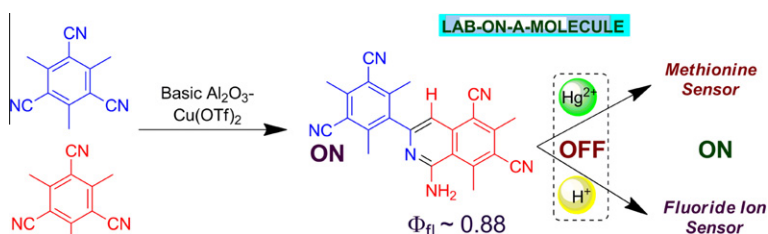
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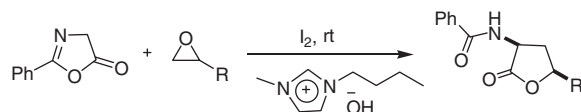
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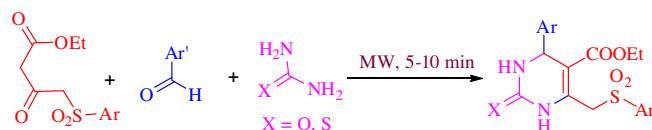
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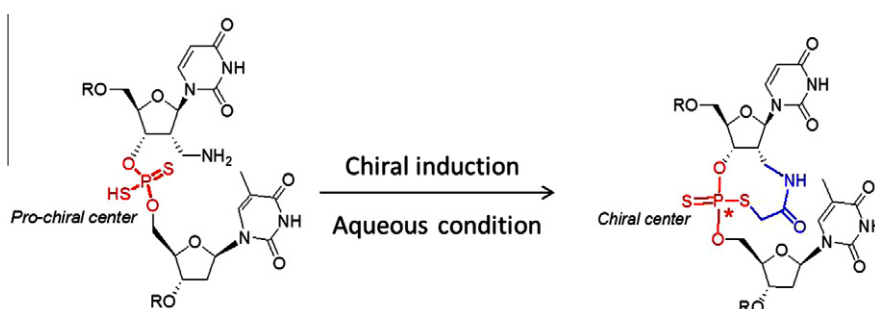
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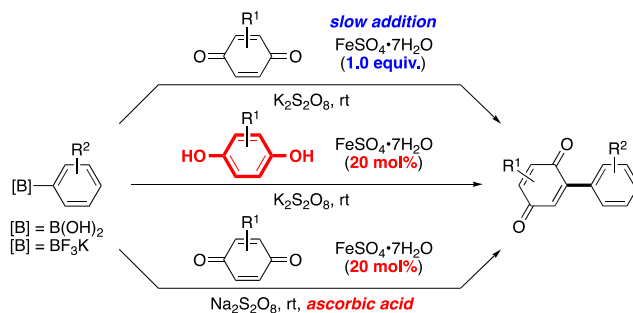
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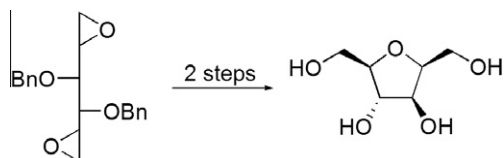
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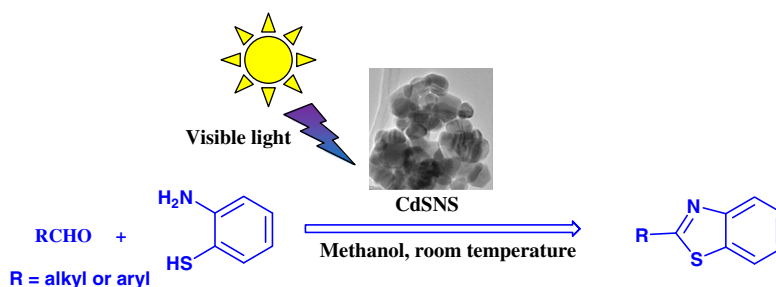
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Sudipto Das, Suwendu Samanta, Swarup Kumar Maji, Partha Kumar Samanta, Amit Kumar Dutta, Divesh N. Srivastava, Bibhutosha Adhikary, Papu Biswas*

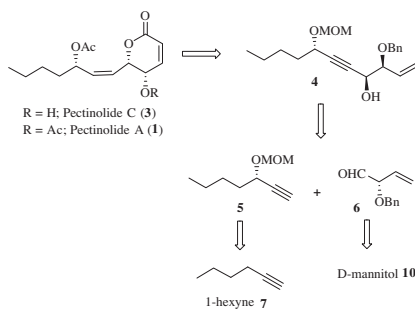


Recyclable mesoporous CdS nanospheres is a novel heterogeneous catalyst for synthesis of 2-substituted benzothiazoles from various aryl and alkyl aldehydes under visible light irradiation with excellent catalytic performance.

**First stereoselective total synthesis of pectinolide C and total synthesis of pectinolide A**

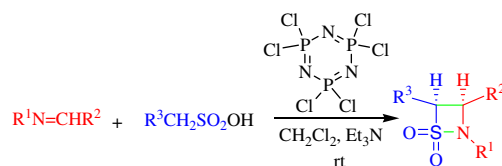
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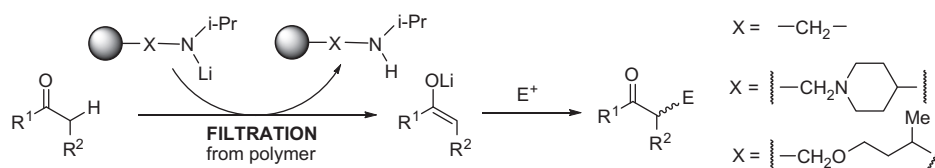
Maarouf Zarei*



An expedient preparation of amine-free lithium enolates using immobilized amide reagents

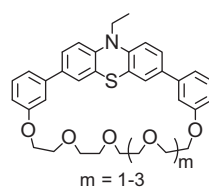
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Ryszard Lazny*, Karol Wolosewicz

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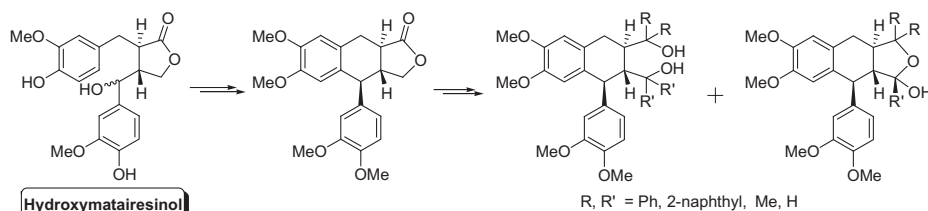
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Ilişca Medruţ, Raluca Turdean, Radu Gropeanu, Flavia Pop, Loïc Toupet, Niculina D. Hădade, Elena Bogdan*, Ion Grosu

**Synthesis and structural analysis of sterically hindered chiral 1,4-diol ligands derived from the lignan hydroxymatairesinol**

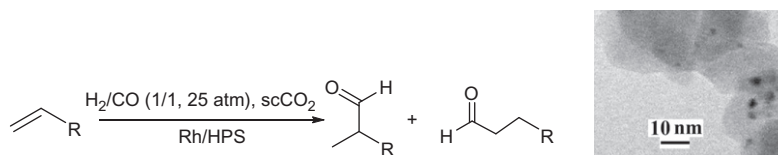
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Yury Brusentsev, Thomas Sandberg, Matti Hotokka, Rainer Sjöholm, Patrik Eklund*

**Rhodium-containing hypercross-linked polystyrene as a heterogeneous catalyst for the hydroformylation of olefins in supercritical carbon dioxide**

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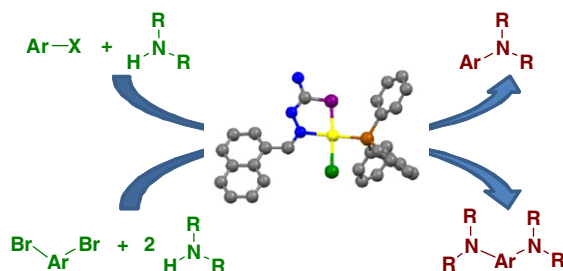
Sergey E. Lyubimov*, Eugenie A. Rastorguev, Kseniya I. Lubentsova, Alexander A. Korlyukov, Vadim A. Davankov



Synthesis and structural characterization of palladium(II) thiosemicarbazone complex: application to the Buchwald–Hartwig amination reaction

pp 1120–1124

Rupesh Narayana Prabhu, Rengan Ramesh*



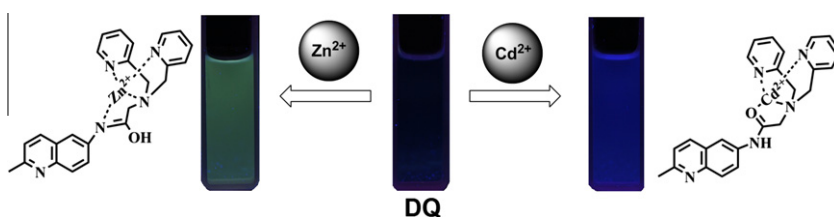
Square-planar Pd(II) thiosemicarbazone complex was synthesized and characterized. The new complex acts as an effective homogeneous catalyst for the Buchwald–Hartwig reaction of aryl- and heteroaryl bromides, dibromides or chlorides with various secondary amines. The effects of base, solvent, reaction temperature and catalyst loading on catalytic activity were also investigated.



A quinoline based fluorescent probe that can distinguish zinc(II) from cadmium(II) in water

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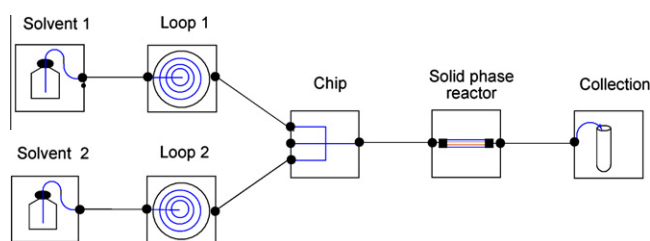
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Greening heterogeneous catalysis for fine chemicals

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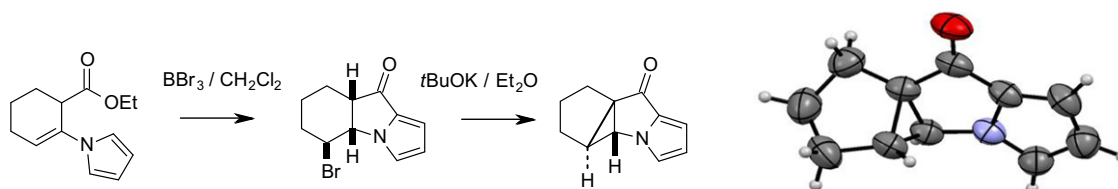
Valerica Pandarus, Rosaria Ciriminna, François Béland*, Genevieve Gingras, Maxime Drobot, Omar Jina, Mario Pagliaro*



An unusual boron tribromide-mediated, one-pot bromination/cyclization reaction. Application to the synthesis of a highly strained cyclopenta[1,3]cyclopropa[1,2-*b*]pyrrolizin-8-one

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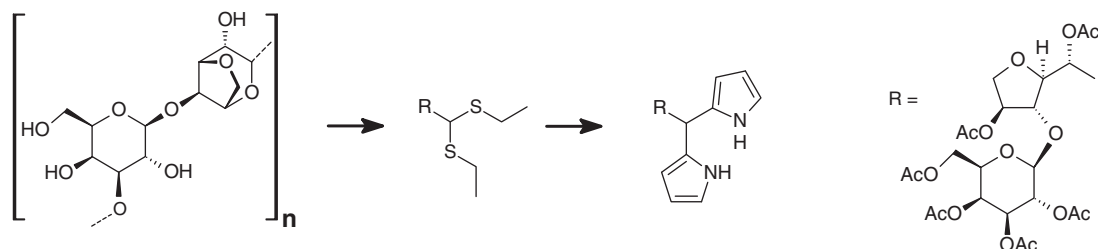
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Synthesis of peracetylated C-1-deoxyalditol- and C-glycoside-dipyrranes via dithioacetal derivatives

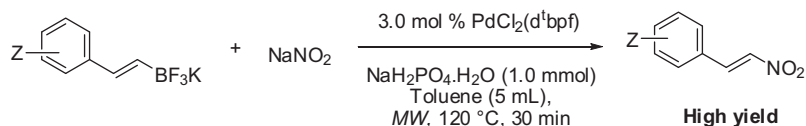
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Stephanie M. S. Ló, Juliana C. Cunico, Diogo R. B. Ducatti, Alexandre Orsato, M. Eugênia R. Duarte, Sandra M. W. Barreira, Miguel D. Nosedá, Alan G. Gonçalves*

**A novel route to organonitrites by Pd-catalyzed cross-coupling of sodium nitrite and potassium organotrifluoroborates**

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Mohammad Al-Masum*, Nabil Saleh, Tasfia Islam

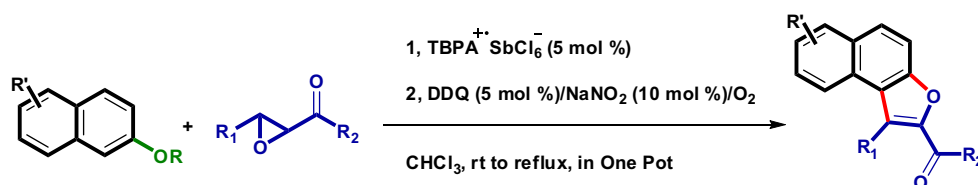


Microwave irradiated palladium-catalyzed cross-coupling reaction of potassium styryltrifluoroborates and sodium nitrite gives the corresponding styryl nitrites in high yields. Potassium aryltrifluoroborates are also used for aryl nitrites synthesis.

**Tandem reaction between chalcone epoxides and 2-naphthyl ethers to construct complex naphtho[2,1-b]furans**

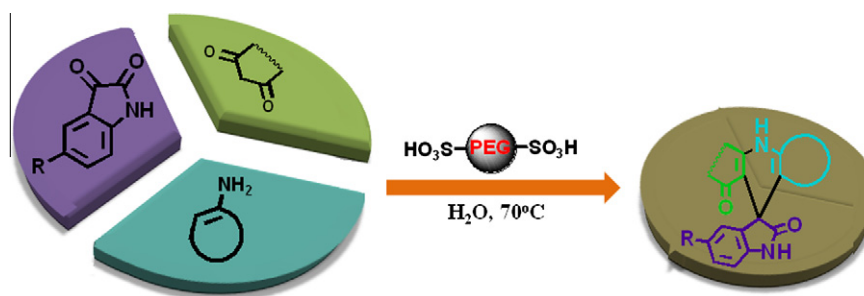
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Congde Huo*, Jinzhu An, Xiaolan Xu, Xiaodong Jia, Xicun Wang*, Lisheng Kang

**Dual role of the polymer supported catalyst PEG-OSO₃H in aqueous reaction medium: synthesis of highly substituted structurally diversified coumarin and uracil fused spirooxindoles**

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Sanjay Paul, Asish R. Das*



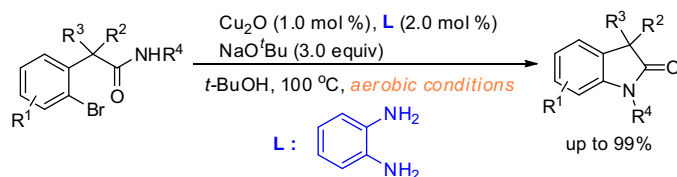
A highly convergent and efficient PEG-OSO₃H mediated domino-heteroannulation protocol for the synthesis of a library of uracil and coumarin fused spirooxindole derivatives has been developed.



Efficient copper-catalyzed intramolecular N-arylation for the synthesis of oxindoles

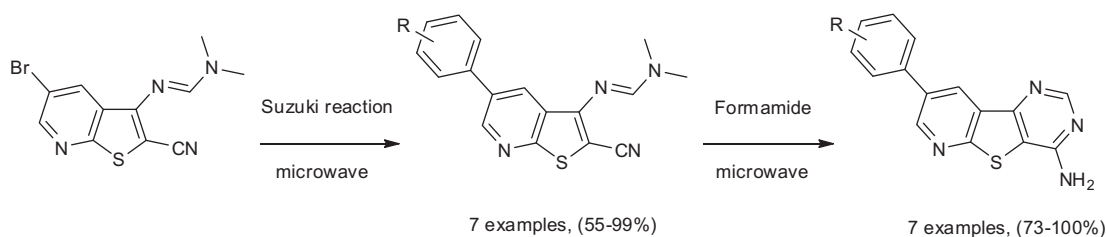
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Yu-Huei Jhan, Ting-Wei Kang, Jen-Chieh Hsieh*

**Suzuki cross-coupling of 5-bromothieno[2,3-*b*]pyridines for the convenient synthesis of 8-arylpyrido[3',2':4,5]thieno[3,2-*d*]pyrimidin-4-amines**

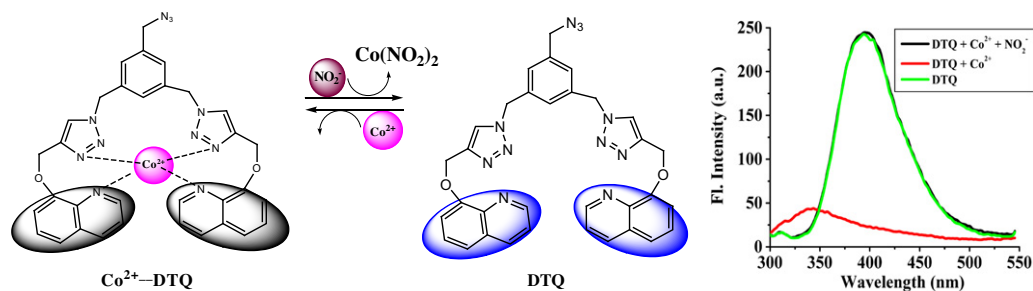
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Yvonnick Loidreau, Vincent Levacher, Thierry Besson*

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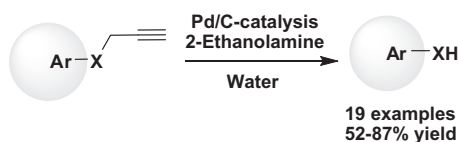
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Ajit Kumar Mahapatra*, Giridhari Hazra, Subhra Kanti Mukhopadhyay, Anindita Roy Mukhopadhyay


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D. Rambabu, S. Bhavani, Nalivela Kumara Swamy, M. V. Basaveswara Rao*, Manojit Pal*



*Corresponding author

+ Supplementary data available via SciVerse ScienceDirect

COVER

An expedient preparation of amine-free lithium enolates using immobilized amide reagents

Tetrahedron Letters **2013**, 54, 1103–1106.

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