

ARKIVOC Volume 2008

Part (vi): Commemorative Issue in Honor of Prof. Torbjorn Norin on the occasion of his 75th anniversary

Facilitators: Lars Bohlin and Gordon M Cragg

Scientific Editor: Martin A. Iglesias-Arteaga

1. A Tribute to Prof. Torbjorn Norin (TN-1431NT)

Dr. Gordon Cragg, Prof. Lars Bohlin

Full Text: [PDF \(56K\)](#)

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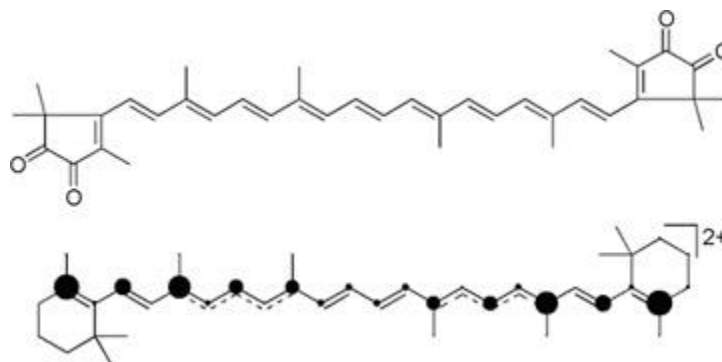
accepted Apr 11 2007; published Jun 10 2007;

2. Blue carotenoids (TN-2871NR)

Synnöve Liaaen-Jensen and Geir Kildahl-Andersen

Full Text: [PDF \(380K\)](#)

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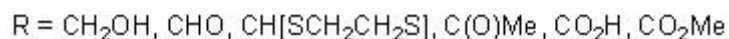
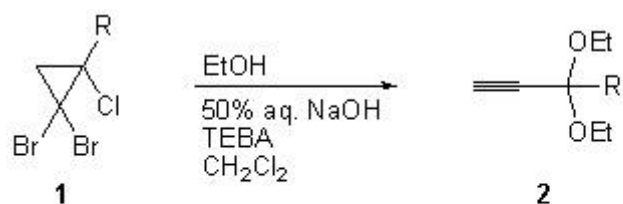
received Nov 5 2007; accepted Jan 20 2008; published Mar 15 2008;

3. Ring opening of some 1,1,2-trihalocyclopropanes with a polar substituent attached to C-2; evidence for regioselective attack directed by hydrogen bonding (TN-2915NP)

Bjarte Holmelid, Ole H. Kvernenes, Mari Hodne and Leiv K. Sydnes

Full Text: [PDF \(263K\)](#)

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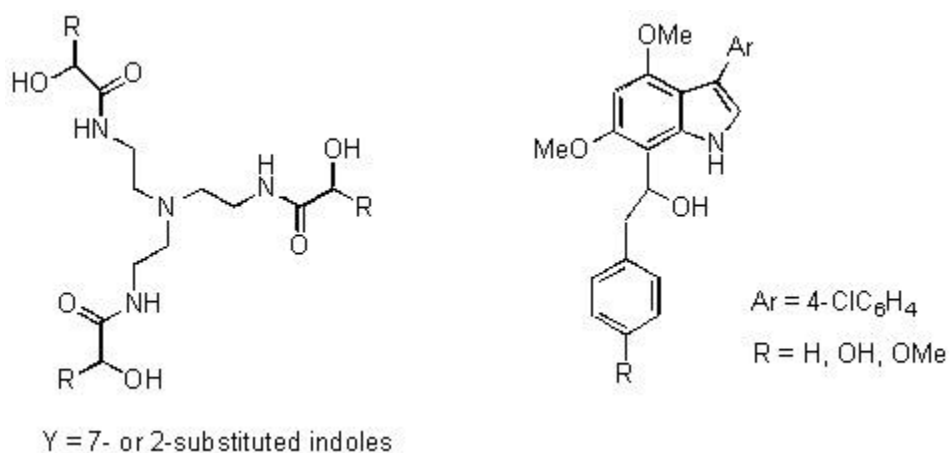
received Nov 26 2007; accepted Feb 1 2008; published Mar 15 2008;

4. Synthesis of new indole benzylic alcohols as potential precursors of calixindoles (TN-2968NP)

David StC Black, Naresh Kumar and Tutik Dwi Wahyuningsih

Full Text: [PDF \(134K\)](#)

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received Dec 31 2007; accepted Jan 22 2008; published Mar 21 2008;

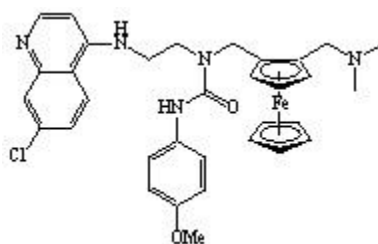
5. Inhibition of trypanothione reductase and glutathione reductase by ferrocenic 4-aminoquinoline ureas (TN-2898NP)

Margaret A.L. Blackie, Ahilan Saravanamuthu, Alan H. Fairlamb and Kelly Chibale

Full Text: [PDF \(233K\)](#)

Supplementary Material: [PDF \(133K\)](#)

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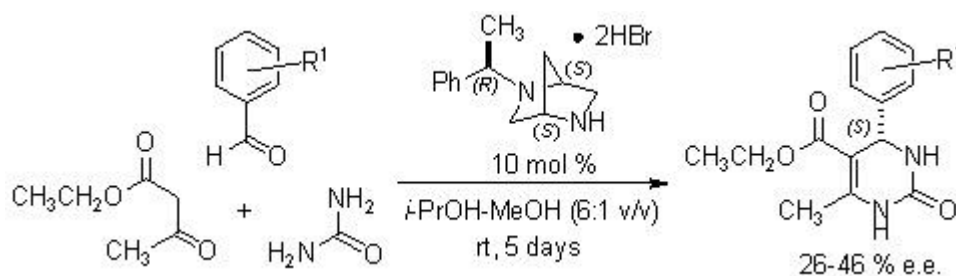
received Nov 19 2007; accepted Feb 1 2008; published Mar 27 2008;

6. Application of (1S,4S)-2,5-diazabicyclo[2.2.1]heptane derivatives in asymmetric organocatalysis: the Biginelli reaction (TN-2981NP)

Rodrigo González-Olvera, Patricia Demare, Ignacio Regla and Eusebio Juaristi

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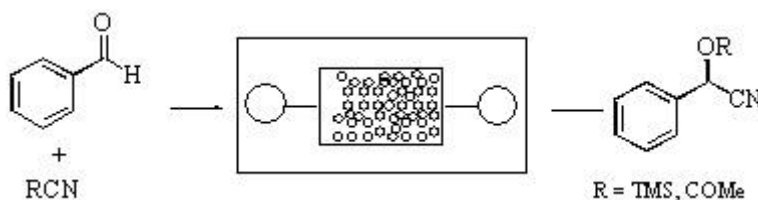
received Jan 10 2008; accepted Feb 26 2008; published Apr 4 2008;

7. Enantioselective cyanation of benzaldehyde. An asymmetric polymeric catalyst in a microreactor (TN-2879NP)

Stina Lundgren, Henrik Ihre and Christina Moberg

Full Text: [PDF \(176K\)](#)

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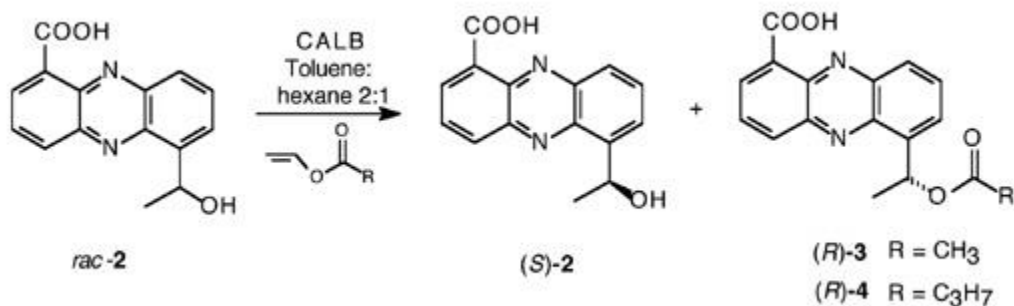
received Nov 8 2007; accepted Feb 3 2008; published Apr 4 2008;

8. Biocatalytic synthesis of saphenic acid enantiomers (TN-2952NP)

Freddy TjosÅs, Thorleif Anthonsen and Elisabeth Egholm Jacobsen

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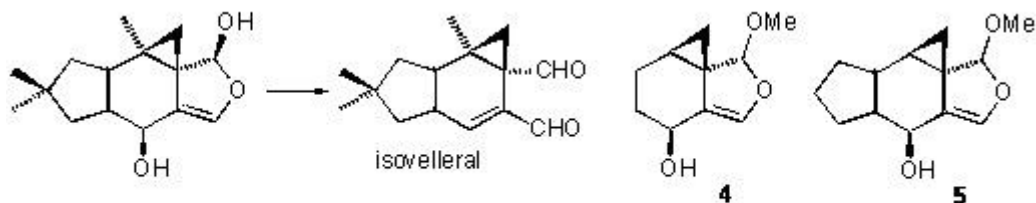
received Dec 22 2007; accepted Feb 28 2008; published Apr 7 2008;

9. Synthesis of biomimetic precursors of isovelleral analogues (TN-2978NP)

Daniel RÅme, Erwan Arzel, Martin Johansson and Olov Sterner

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4 and 5, biomimetic precursors of analogues of the cytotoxic dialdehyde isovelleral, were synthesized.

received Jan 10 2008; accepted Feb 28 2008; published Apr 9 2008;

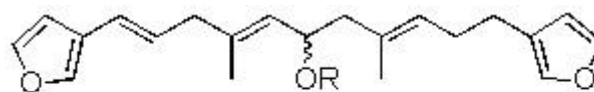
10. Furanoterpene fatty acid esters from the Australian marine sponge *Coscinoderma mathewsi* (TN-2974NP)

Ken W.L. Yong, John N.A. Hooper and Mary J. Garson

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

Supplementary Material: [PDF \(292K\)](#)

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- (1a) R = CO(CH₂)₁₁CHMe₂
 (1b) R = CO(CH₂)₁₀CHMeCH₂Me
 (1c) R = CO(CH₂)₁₃Me

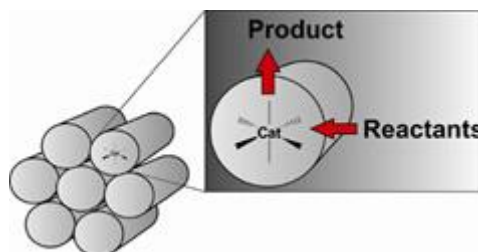
received Jan 7 2008; accepted Apr 14 2008; published Apr 27 2008;

11. Use of ordered mesoporous materials as tools for organic and bioorganic synthesis (TN-2962NU)

Paul Handa, Tomasz Witula, Pedro Reis and Krister Holmberg

Full Text: [PDF \(260K\)](#)

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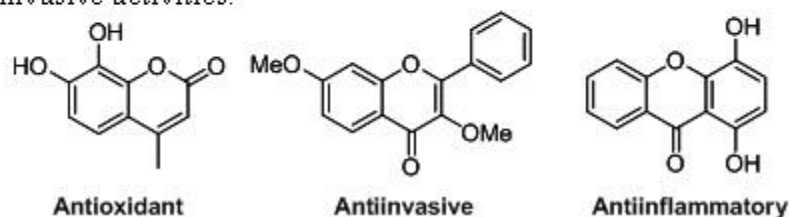
12. Antioxidant, antiinflammatory and antiinvasive activities of biopolyphenolics (TN-2846NP)

Shashwat Malhotra, Gaurav Shakya, Ajit Kumar, Ashok L. Cholli, Hanumantharao G. Raj, Luciano Saso, Balaram Ghosh, Marc E. Bracke, Ashok K. Prasad and Virinder S. Parmar

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A wide variety of naturally occurring biopolyphenolics and their synthetic analogues were subjected to screening for inhibition of NADPH-catalysed peroxidation of rat liver microsomes leading to the identification of potent anti-oxidant compounds. Also many naturally occurring polyphenolics and their synthetic analogues exhibited antiinflammatory and anti-invasive activities.



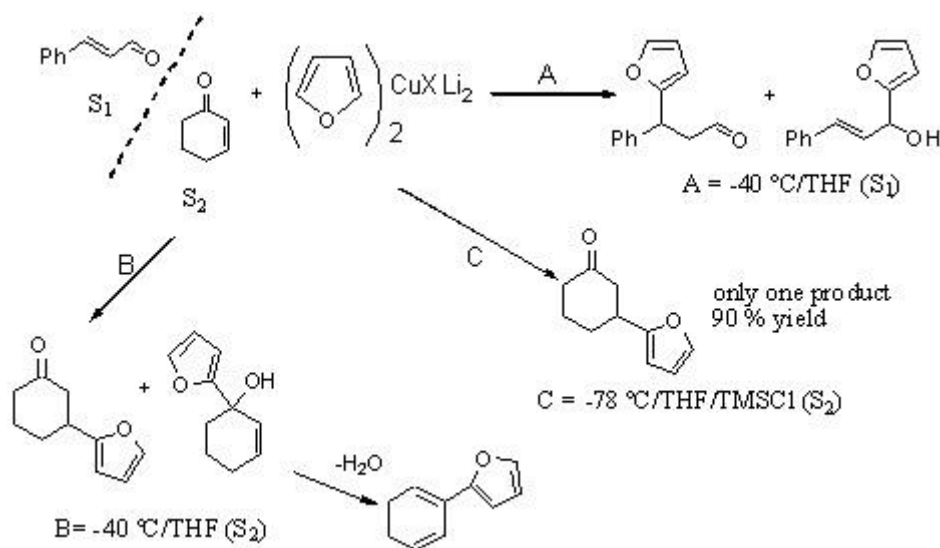
received Oct 29 2007; accepted May 7 2008; published Jun 15 2008;

13. Conjugate additions of furylcuprates to α -enones. The effect of the copper precursor and of TMSCl used as additive (TN-3107NP)

Cristian Rodriguez and N. Sbarbati Nudelman

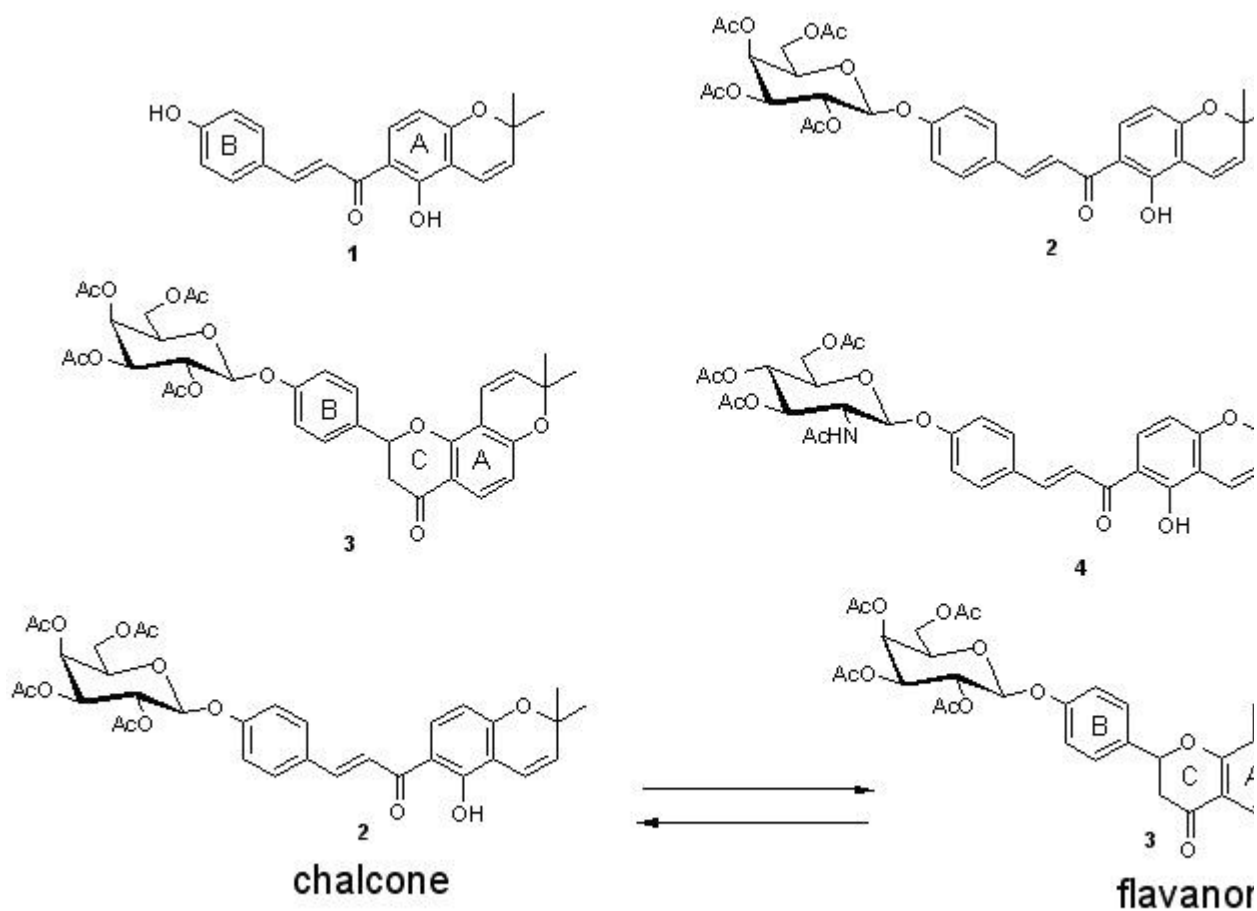
Full Text: [PDF \(307K\)](#)

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received Mar 10 2008; accepted Jun 18 2008; published Jul 13 2008;

14. Hemisynthesis and spectroscopic characterization of three glycosylated 4-hydroxylonchocarpins from *Dorstenia barteri* Bureau (TN-2997NP)



isomerism equilibrium of chalcone-flavanone

received Jan 18 2008; accepted Aug 26 2008; published Sep 21 2008;