

ARKIVOC Volume 2007

Part (ix): Commemorative Issue in Honor of Prof. Berhanu M Abegaz on the occasion of his 60th anniversary

Facilitator: James W. Pavlik
Scientific Editor: Viktor V. Zhdankin

1. A Tribute to Prof. Berhanu M Abegaz (BA-1422LT)

Full Text: [PDF \(156K\)](#)

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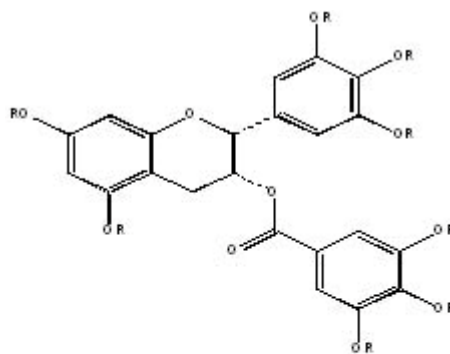
accepted Jun 15 2006; published Jun 20 2006;

2. Antioxidant activity of O-protected derivatives of (-)-epigallocatechin-3-gallate: inhibition of soybean and rabbit 15-lipoxygenases (BA-1651LP)

Bibigul T. Utenova, Karl E. Malterud and Frode Rise

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- I** R=H
II R=COCH₃
III R=COCH₂CH₃
IV R=COCH₂CH₂CH₃
V R=CH₃

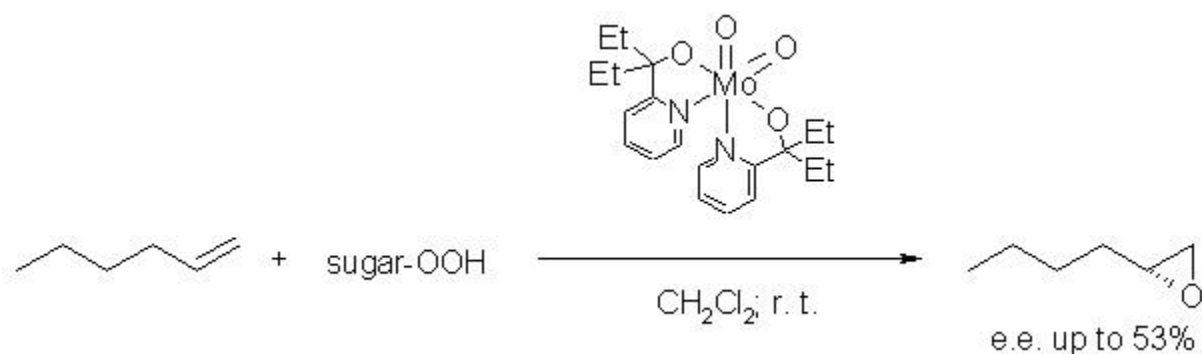
received Aug 17 2005; accepted Nov 15 2005; published Aug 2 2006;

3. Enantioselective epoxidation of 1-hexene with sugar derived hydroperoxides (BA-1990LP)

H.-J. Hamann, M. Chmielewski, D. Mostowich and J. Liebscher

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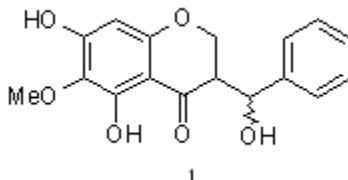
received Jul 8 2006; accepted Aug 18 2006; published Sep 23 2006;

4. The first 9-hydroxyhomoisoflavanone, and antiplasmodial chalcones, from the aerial exudates of *Polygonum senegalense* (BA-2043LP)

Jacob O. Midiwo, Fidilia M. Omoto, Abiy Yenesew, Hosea M Akala, Julia Wangui, Pamela Liyala, Christine Wasunna and Norman C. Waters

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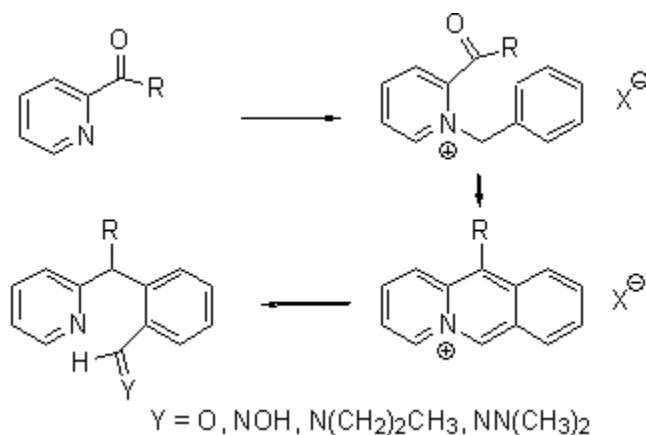
received Jul 31 2006; accepted Sep 12 2006; published Sep 26 2006;

5. Acridizinium salts. Preparation from 1-(benzylic)-2-formyl and 1-(benzylic)-2-acetyl pyridinium bromides and ring-opening reactions with nucleophilic reagents (BA-2042LP)

A. Paul Krapcho, Sergio A. Cadamuro and Lauren Macnee

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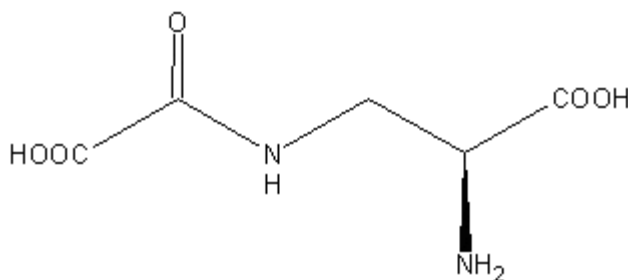
received Jul 24 2006; accepted Sep 15 2006; published Oct 5 2006;

6. 3-*N*-oxalyl-L-2,3-diaminopropanoic acid, a multifunctional plant metabolite of toxic reputation (BA-2072LP)

Fernand Lambein, Yu-Haey Kuo, Kuniko Kusama-Eguchi and Fumio Ikegami

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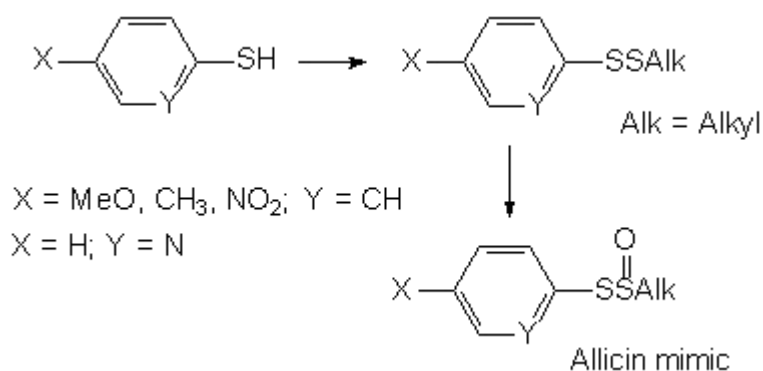
received Aug 7 2006; accepted Oct 2 2006; published Oct 9 2006;

7. Synthesis and inclusion of *S*-aryl alkylthiosulfinates as stable allicin mimics (BA-2084LP)

Nashia Stellenboom, Roger Hunter, Mino R. Caira, Susan A. Bourne, Khethiwe Cele, Tozama Qwebani and Tanya le Roex

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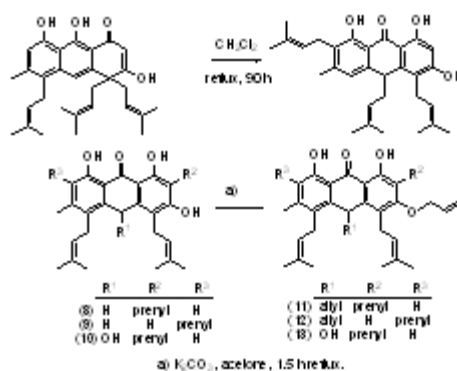
received Aug 1 2006; accepted Oct 2 2006; published Oct 11 2006;

8. Thermal rearrangement of harunganin and allylations of some compounds from *Harungana madagascariensis* (BA-2055LP)

Simeon F. Kouam, Bonaventure T. Ngadjui, Karsten Krohn and M. Iqbal Choudhary

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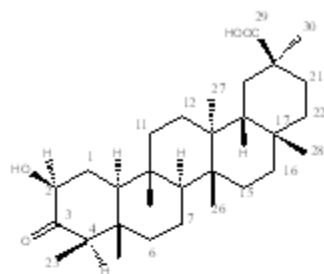
received Aug 2 2006; accepted Sep 22 2006; published Oct 11 2006;

9. A novel D:A-friedooleanane triterpenoid and other constituents of the stem bark of *Dichapetalum barteri* Engl. (BA-2027LP)

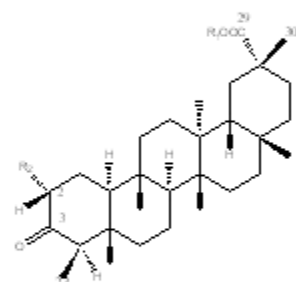
Ivan Addae-Mensah, Sam Adu-Kumi, Reiner Waibel and Isaac V. Oppong

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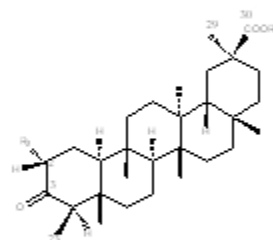


1



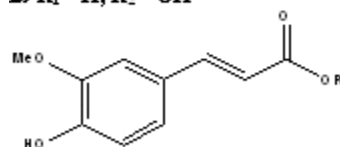
2a. $R_1 = R_2 = H$

2b. $R_1 = H; R_2 = OH$



3a. $R_1 = H; R_2 = OH$

3b. $R_1 = Me; R_2 = OH$



4a, $R = CH_3(CH_2)_{22}$; **4b,** $R = CH_3(CH_2)_{23}$; **4c,** $R = CH_3(CH_2)_{24}$;

4d, $R = CH_3(CH_2)_{25}$; **4e,** $R = CH_3(CH_2)_{26}$; **4f,** $R = CH_3(CH_2)_{27}$;

4g, $R = CH_3(CH_2)_{28}$

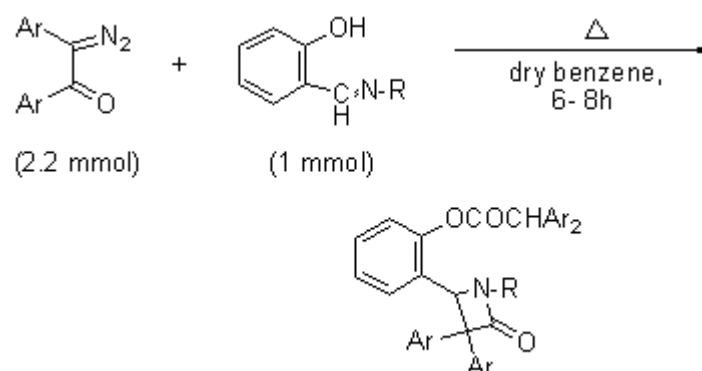
received Jul 22 2006; accepted Oct 5 2006; published Oct 21 2006;

10. Synthesis and antimicrobial activity of new 2-azetidinones from *N*-(salicylidene)amines and 2-diazo-1,2-diarylethanones (BA-2074LP)

Girija S. Singh, Elbert Mbukwa and Tshepo Pheko

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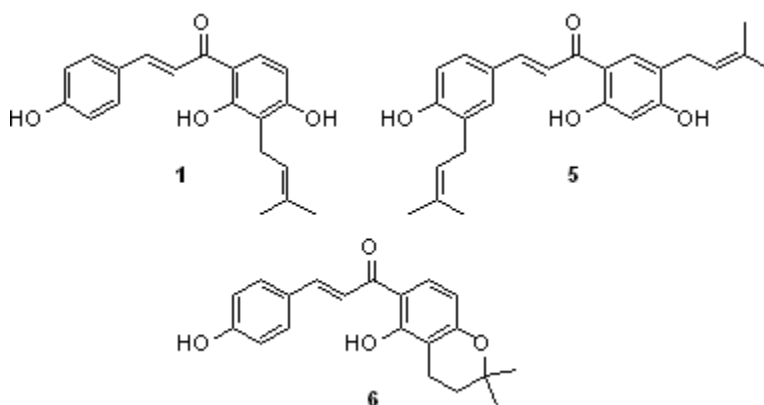
received Aug 7 2006; accepted Oct 13 2006; published Oct 25 2006;

11. Inhibition of matrix metalloproteinase-2 secretion by chalcones from the twigs of *Dorstenia barteri* Bureau (BA-2092LP)

Bathelemy Ngameni, Mohamed Touaibia, Anissa Belkaid, Pantaleon Ambassa, Jean Watchueng, Ramesh Patnam, Bonaventure T. Ngadjui, Borhane Annabi and Ren   Roy

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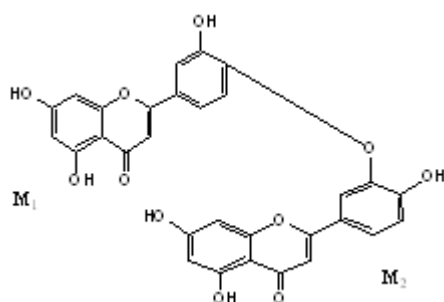
received Aug 17 2006; accepted Oct 24 2006; published Nov 15 2006;

12. Phytochemical constituents of *Vangueria infausta*: their radical scavenging and antimicrobial activities (BA-2047LP)

Elbert Mbukwa, Musa Chacha and Runner R. T. Majinda

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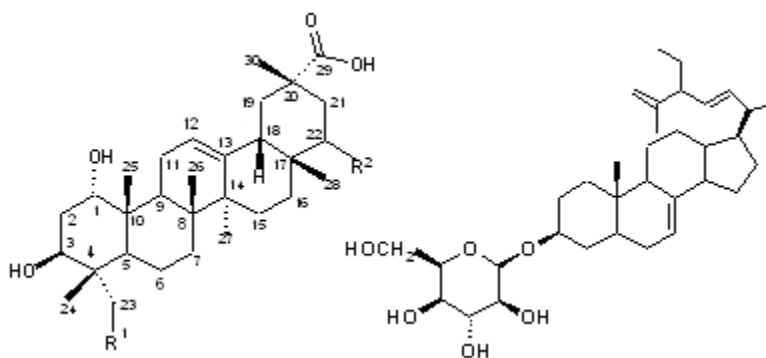
received Jul 31 2006; accepted Nov 3 2006; published Nov 17 2006;

13. Novel antibacterial triterpenoid from *Combretum padoides* [Combretaceae] (BA-2044LP)

Jeremiah E. Angeh, Xueshi Huang, Gerry E. Swan, Ute MÄ¶llman, Isabel Sattler and Jacobus N. Eloff

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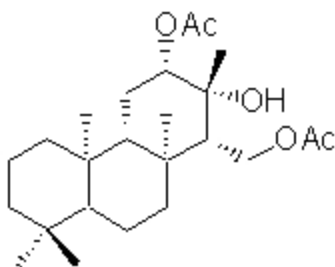
received Jul 31 2006; accepted Nov 27 2006; published Dec 2 2006;

14. New isocopalane diterpene diester from a sub-Antarctic marine nudibranch (BA-2261LP)

Albert W. W. van Wyk, P. William Froneman, Kim S. Bernard and Michael T. Davies-Coleman

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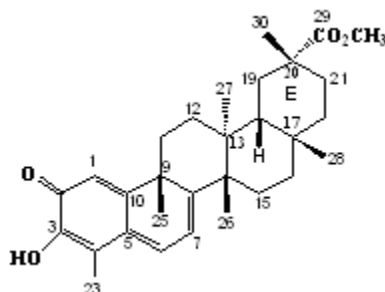
received Nov 15 2006; accepted Dec 12 2006; published Dec 18 2006;

15. Isolation and characterization of pristimerin as the antiplasmodial and antileishmanial agent of *Maytenus senegalensis* (Lam.) Exell. (BA-2266LP)

Sami A. Khalid, Ahmed El Tahir, Gwiria M. Satti, Gerda M. Friedrichsen and Soren B. Christensen

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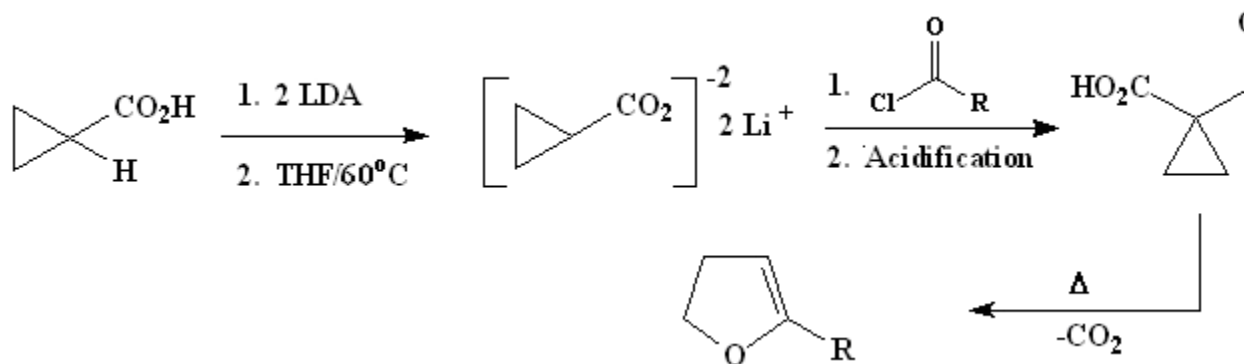
received Nov 15 2006; accepted Jan 23 2007; published Jan 29 2007;

16. Mechanism of the decarboxylative rearrangement of α -(carbonyl)cyclopropane carboxylic acids to 2-substituted-4,5-dihydrofurans (BA-2259LP)

Edwin Jahngen, Jeffrey Mallett, Roger O'Á' Connor and Sarah Fischer

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received Nov 13 2006; accepted Jan 30 2007; published Feb 9 2007;