ARKIVOC Volume 2004

Part (vii): Commemorative Issue in Honor of Prof. Sandor Antus on the occasion of his 60th anniversary

Facilitator: Albert Lévai Scientific Editor: Ken Turnbull

1. A Tribute to Prof. SÃindor Antus (SA-485BT)

Albert Lévai

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accepted Jun 2 2003; published Jun 5 2003;

2. Synthesis of new optically active bis-pyridino- and bis pyridono-18-crown-6 type ligands containing four lipophilic chains attached to the chiral centers by "two-to-two" type macrocyclization (SA-901BP)

JÃjnos Gerencsér, Péter Huszthy and MihÃjly NógrÃjdi

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received Sep 5 2003; accepted Oct 30 2003; published Nov 6 2003;

3. Synthesis of exocyclic α,β-unsaturated ketones (SA-894BR)

Albert Lévai

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A review with 219 references

received Sep 1 2003; accepted Oct 30 2003; published Nov 7 2003;

4. Diastereoselective reduction of cyclic bioactive Mannich ketones (SA-837BP)

TamÃis LórÃinda, Erzsébet Osza, Gyula KispÃila, Gergely Nagyb, Edgar Weckertc, Daniel Luebbertc, Alke Meentsc, Béla Kocsisd and LÃjszló Prókaie

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Ar
$$(CH_2)n$$
 $NaBH_4/MeOH$ Ar OH R $1-9$ $n=1-4$

received Jul 18 2003; accepted Nov 5 2003; published Nov 17 2003;

5. Time dependent efficiency of optical resolution of aminooxiranes with *O,O*'-dibenzoyl-(*R,R*)-tartaric acid (SA-937BP)

Ferenc Faigl, Angelika Thurner, Ferenc Farkas, $\tilde{A} \bullet gnes$ Proszeny \tilde{A} ik, Michela Valacchi, Alesandro Mordini Full Text: PDF (115K)

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received Oct 3 2003; accepted Dec 4 2003; published Dec 6 2003;

6. Synthesis of sulfide-and disulfide-type bisaporphines from thebaine (SA-982BP)

Miklós Tóth, Csaba CsutorÃjs, Zsuzsanna Gyulai and SÃjndor Berényi

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CH₃ N (E) (S) (S) (S) OCH₃ OCH₃ OCH₃ OCH₃ OCH₃
$$n = 1, 2$$

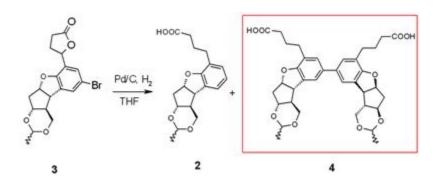
received Nov 13 2003; accepted Jan 15 2004; published Jan 15 2004;

7. Optimization of a catalytic hydrogenation procedure of a prostaglandin intermediate by DOE methods (SA-999BP)

Imre Rozsumberszki, György HorvÃjth, SÃjndor Bokotey, Zsuzsanna Kardos, Tibor Szabó and Klara Osapay

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received Dec 2 2003; accepted Jan 15 2004; published Jan 25 2004;

8. The structural and conformational analyses and antioxidant activities of chebulinic acid and its thrice-hydrolyzed derivative, 2,4-chebuloyl-β-D-glucopyranoside, isolated from the fruit of *Terminalia chebula* (SA-969BP)

Karel D. Klika, Ammar Saleem, Jari Sinkkonen, Marja Kähkönen, Jyrki Loponen, Petri Tähtinen and Kalevi Pihlaja

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R = galloyl, chebulinic acid R = H, galloyl-free chebulinic acid

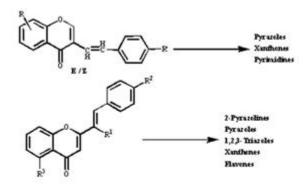
received Nov 2 2003; accepted Jan 29 2004; published Feb 1 2004;

9. Synthesis and reactivity of styrylchromones (SA-1032BR)

 $Artur\ M.\ S.\ Silva,\ Diana\ C.\ G.\ A.\ Pinto,\ Jos\~A @\ A.\ S.\ Cavaleiro,\ Albert\ Levai\ and\ Tam\~A is\ Patonay$

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received Dec 23 2003; accepted Feb 16 2004; published Feb 17 2004;

10. Metalloporphyrin mediated biomimetic oxidations. A useful tool for the investigation of cytochrome P450 catalyzed oxidative metabolism (SA-974BR)

György T. Balogh, György M. Keserû

Full Text: PDF (205K)

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A review with 39 references

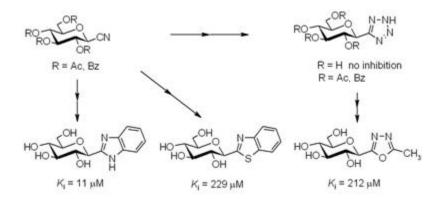
received Nov 6 2003; accepted Feb 29 2004; published Mar 2 2004;

11. C-(β-D-Glucopyranosyl) heterocycles as potential glycogen phosphorylase inhibitors (SA-1024BP)

Zsuzsa Hadady and László Somsák

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received Dec 18 2003; accepted Mar 18 2004; published Mar 21 2004;

12. Caroteniod **5,6-, 5,8-** and **3,6-epoxides** (SA-1016BP)

József Deli, Erzsébet Õsz

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received Dec 18 2003; accepted Mar 25 2004; published Mar 30 2004;

13. Intramolecular thermal cyclizations of methyl (*E*)-3-arylamino-2-benzoylaminobut-2-enoates (SA-1038BP)

Tina Celestina, Amalija GolobiÃ", Jurij Svete and Branko Stanovnik

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received Dec 30 2003; accepted Apr 3 2004; published Apr 5 2004;

14. Synthesis of new tetrazolyldienylphenothiazines as potential multidrug resistance inhibitory compounds (SA-1021BP)

 $Ildik\tilde{A}^3$ Nagy, Zsuzsanna Riedl, Gy \tilde{A} ¶rgy Haj \tilde{A}^3 s, Andr \tilde{A} is Messmer and J \tilde{A}^3 zsef Moln \tilde{A} ir

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received Dec 20 2003; accepted Feb 28 2004; published Apr 5 2004;

15. Microwave-induced, solvent-free transformations of benzoheteracyclanones by HTIB (Koser`s reagent) (SA-1044BP)

TamÃis Patonay, Albert Lévai, Éva RimÃin, Rajender S. Varma

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received Jan 15 2004; accepted Apr 6 2004; published Apr 7 2004;

16. Synthesis of methyl 6-deoxy-4-O-(sodium sulfonato)- α -L-talopyranoside, its C-4 epimer and both isosteric [4-C-(potassium sulfonatomethyl)] derivatives (SA-1033BP)

László Lázár, Magdolna Csávás, Anikó Borbás, Gyöngyi Gyémánt and András Lipták Full Text: PDF (189K)

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17. Indole based multicomponent reactions towards functionalized heterocycles (SA-1046BP)

Janos Sapi, Jean-Yves Laronze

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A review with 42 references

received Jan 19 2004; accepted Apr 8 2004; published Apr 13 2004;

18. Asymmetric heterogeneous catalytic hydrogenation; is it a useful tool for the synthetic organic chemist? (SA-1029BR)

Antal Tungler, Éva SÃpos, Viktor Háda

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Y = COOR', COOH, COR", CONR", C(OR')2, CF3

R, R', R" are alkyl, aryl or hydrogen

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19. Syntheses of partially hydrogenated [1,2,4]triazolo[4,5- α]pyrimidine-4-ones through cyclisation of **2-arylidenehydrazino-6-methyl-4-pyrimidones** (SA-1028BP)

László Szilágyi, Tünde Z. Illyés, Zoltán Györgydeák, György Szabó and András Karácsony Full Text: PDF (194K)

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20. The intramolecular aldol condensation of 3-oxocyclohexaneacetaldehydes: a useful tool in the synthesis of natural products (SA-1031BR)

Luisa Maria Migneco, Francesca Leonelli, Rinaldo Marini Bettolo

Full Text: PDF (575K)

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21. Synthesis of paramagnetic and diamagnetic flavones and flavanones (SA-1108BP)

TamÃis KÃilai, GyÃμzÃμ KulcsÃir, Erzsébet Õsz, József JekÃμ, BalÃizs Sümegi, KÃilmÃin Hideg

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spacer
$$R^{1} = H_{3}C \longrightarrow CH_{3}C$$

$$R^{2} = H_{3}C \longrightarrow N$$

$$R^{2} \longrightarrow CH_{3}C$$

$$Q: O', OH, H, OAc$$

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22. Natural products chemistry and phytomedicine research in the new millennium: new developments and challenges (SA-1008BR)

H. Wagner

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A review with 17 references

received Dec 17 2003; accepted May 4 2004; published May 6 2004;

23. The 'one-pot' preparation of substituted benzofurans (SA-1110BP)

Márton Csékei, Zoltán Novák, Géza Timári and András Kotschy

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received Dec 31 2003; accepted May 19 2004; published May 22 2004;

24. Study of alkylation of deprotonated diphenylacetonitrile with halogeneacetones; X-ray crystal structure of 3,3-diphenyl-5-methyl-5-acetonylpyrrolidone \hat{A} – a new cyclization product in acetone cosolvent (SA-1111BP)

Angelika LÃjsikovÃj, Daniel Végh, Jozef KožÃšek, Ingrid Svoboda, Jan Leško and Tibor Liptaj

Full Text: PDF (239K)

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