ARKIVOC Volume 2004

Part (iv): Commemorative Issue in Honor of Prof. Enrique Melendez on the occasion of his 70th anniversary

Facilitator: Pedro Merino Scientific Editor: Ramaiah Muthyala

1. A Tribute to Prof. Enrique Melendez (EM-487KT)

Pedro Merino

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accepted Jul 23 2003; published Jul 23 2003;

2. Benzyllithium from methylated benzylamine and its ammonium salt via naphthalene-catalyzed carbon-nitrogen bond reductive cleavage (EM-748KP)

David Guijarro, Pedro J. MartÃnez, Carmen NÃjjera and Miguel Yus

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received Apr 10 2003; accepted May 29 2003; published May 30 2003;

3. Studies on the synthesis of *Strychnos* indole alkaloids from 2-(3-indolyl)piperidine derivatives. A new synthetic entry to the indolo[3,2-a]quinolizidine system (EM-755KP)

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4. τ -Regioselective addition of (-)- N_{α} -tert-butoxycarbonyl-L-histidine methyl ester to diethyl fumarate

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Pilar López-Larrubia, MarÃa GarcÃa-Amo, Elena P. Mayoral, Robert J. Gillies, SebastiÃin CerdÃin and Paloma Ballesteros

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5. Push-pull 1,4-dithiafulvenes: a combined experimental and theoretical study (EM-926KP)

Raquel Andreu, Miguel Angel CerdÃin, Javier GarÃn, Jesús Orduna

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6. Triazolopyridines 23. Synthesis of 5,5'-bi[1,2,3]triazolo[5,1-α]isoquinoline (EM-955KP)

 $Bel ilde{A} @ n$ Abarca, Rafael Ballesteros, Bernat Gay, $Jos ilde{A} @ -Reynaldo$ Dom ilde{A}nguez

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7. Nucleophilic additions of chiral non-racemic enolates to N-benzyl-C-(alkoxymethyl) nitrones (EM-865KP)

Pedro Merino, Santiago Franco, Juan A. Mates, Francisco L. Merchan, Pilar Romero, Tomas Tejero, Santiago Uriel and Rosa Matute

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$$R^{1}O \longrightarrow H$$
 OR^{2}
 $R^{1}O \longrightarrow H$
 OR^{2}
 $R^{1}O \longrightarrow H$
 $R^{1}O \longrightarrow H$

received Aug 12 2003; accepted Dec 15 2003; published Dec 18 2003;

8. HornerÂ-WadsworthÂ-Emmons reaction for the synthesis of unusual alpha,beta-didehydroamino acids with a chiral axis (EM-921KP)

Carlos Cativiela, MarÃa D. DÃaz-de-Villegas, José A. GáIvez and Guifa Su

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$$R = CH_3, ^{I}Bu, Ph, EtO_2C$$

$$R' = Cbz, CO \cdot CH \cdot NHCbz$$

$$CH_3Ph$$

$$R = CH_3, ^{I}Bu, Ph, EtO_2C$$

$$CH_2Ph$$

$$CO_2CH_3$$

$$CH_2Cl_2, r.t.$$

$$R = CO_2CH_3$$

$$CH_2Cl_2, r.t.$$

$$R = CD_3, ^{I}Bu, Ph, EtO_2C$$

$$CH_3CD_2$$

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9. Bis(oxazoline)-copper complexes, immobilized by electrostatic interactions, as catalysts for enantioselective aziridination (EM-936KP)

J. M. Fraile, J. I. GarcÃa, G. Lafuente, J. A. Mayoral, L. Salvatella

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10. Derivatives of pyrido[3Â',2Â':4,5]pyrrolo[1,2-c]pyrimidones (EM-984KP)

Abderaouf Ahaidar, David FernÃindez, Olga Pérez, Carmen Cuevas, Fernando Albericio, John A. Joule, Mercedes Õ Ivarez

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$$\begin{array}{c} \stackrel{X}{\swarrow} \longrightarrow \begin{array}{c} \stackrel{X}{\swarrow} \longrightarrow \\ \stackrel{X}{\searrow} \longrightarrow \\ \stackrel{Y}{\searrow} \longrightarrow \\ \stackrel{Y}{\longrightarrow} \longrightarrow \longrightarrow \longrightarrow \longrightarrow \\ \stackrel{Y}{\longrightarrow} \longrightarrow \longrightarrow \longrightarrow \longrightarrow \longrightarrow \longrightarrow \longrightarrow \longrightarrow$$

received Nov 17 2003; accepted Dec 16 2003; published Dec 27 2003;

$\textbf{11. A shorter synthesis of symmetrical 2,11-dimethyl-bis-Tr} \tilde{\textbf{A}} \P ger `s \ bases. \ \textbf{A new molecular tweezer}$

(EM-973KP)

Thierry Mas, Carmen Pardo and José Elguero

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$$\underset{syn \text{ and } anti}{\overset{N}{\bigvee}} - \underset{H_2N}{\overset{N}{\bigvee}} \longrightarrow \underset{H_2N}{\overset{N}{\bigvee}} - \underset{Syn \text{ and } anti}{\overset{N}{\bigvee}} - \underset{Syn \text{ and } anti}{\overset$$

received Nov 5 2003; accepted Dec 26 2003; published Jan 11 2004;

12. Tetrabutylammonium cyanide catalyzes the addition of TMSCN to aldehydes and ketones (EM-948KP)

Rubén Córdoba, Aurelio G. CsÃjkÿ and JoaquÃn Plumet

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13. Multidentate ligands from *N*-hydroxy and *N*-aminopyrazole (EM-952KP)

Dionisia Sanz, José Antonio Jiménez, Rosa M. Claramunt and José Elguero

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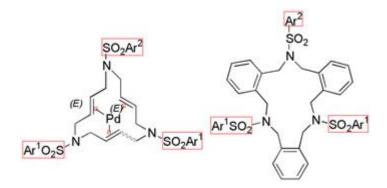
received Oct 21 2003; accepted Dec 29 2003; published Jan 11 2004;

14. 15-Membered triolefinic macrocycles, their coordination chemistry with transition metals, and the catalytic properties of their palladium metal complexes. A review. (EM-906KR)

Marcial Moreno-Mañas, Roser Pleixats, Anna Roglans, Rosa M. SebastiÃjn and Adelina Vallribera

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15. Theoretical study of cyameluric acid and related compounds (EM-917KP)

Ibon Alkorta, Nadine Jagerovic and José Elquero

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16. Intramolecular **1,3**-dipolar cycloaddition reaction of novel **2**-azetidinone-tethered alkenyl nitrile **oxides** (EM-956KP)

Benito Alcaide, Pedro Almendros and Elena SÃjez

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$$(X = 0, CH2; m = 0, 1; n = 0, 1)$$

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