

1. A Tribute to Prof. Waldemar Adam (WA-1420AT)

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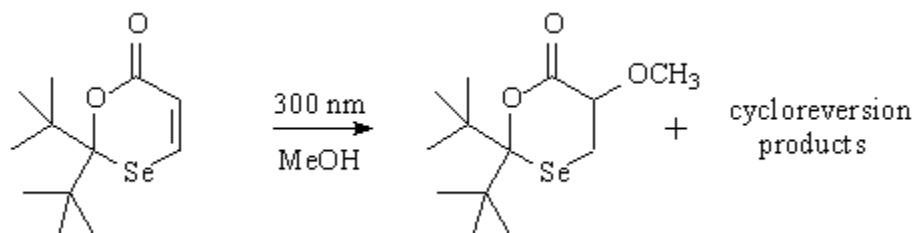
accepted Apr 3 2006; published Apr 26 2006;

2. Light-induced reactions of 2,2-bis(2,2-dimethylethyl)-6H⁻1,3-oxaselenin-6-one in methanol (WA-1828AP)

Kentaro Okuma, Kerstin Schmidt and Paul Margaretha

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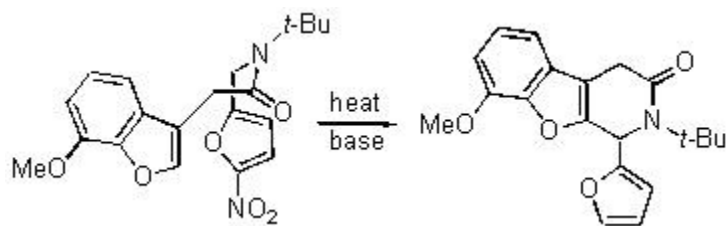
received Feb 17 2006; accepted Mar 30 2006; published May 3 2006;

3. Intramolecular cycloaddition reaction of bromo and nitro substituted furanyl amides (WA-1982AP)

Albert Padwa, Kenneth R. Crawford and Christopher S. Straub

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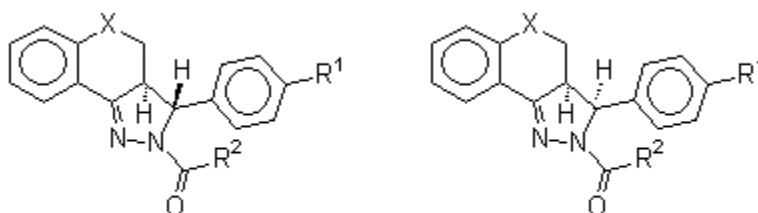
received Jul 1 2006; accepted Aug 6 2006; published Aug 26 2006;

4. Fused heterocycles 11.¹ Synthesis of tricyclic fused pyrazolines by the reaction of 3-arylidenechromanones and 3-arylidene-1-thiochromanones with hydrazine (WA-1981AP)

Albert Lãovai, Kãivãor and Jãzsef Jekõ

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X: O, S; R¹: H, Me, MeO, Cl; R²: Me, Et

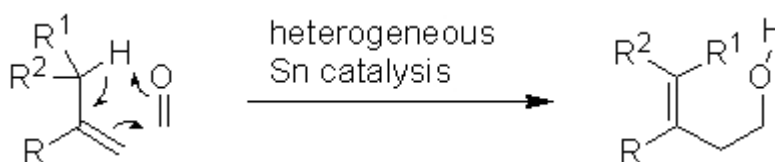
received Jul 1 2006; accepted Sep 18 2006; published Sep 23 2006;

5. Water-resistant Lewis-acid sites: carbonyl-ene reactions catalyzed by tin-containing, hydrophobic molecular sieves (WA-2036AP)

Avelino Corma and Michael Renz

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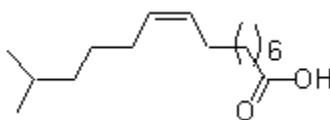
received Jul 28 2006; accepted Sep 18 2006; published Sep 28 2006;

6. An improved synthesis for the (Z)-14-methyl-9-pentadecenoic acid and its topoisomerase I inhibitory activity (WA-2089AP)

Nãstor M. Carballeira, David Sanabria and Delise Oyola

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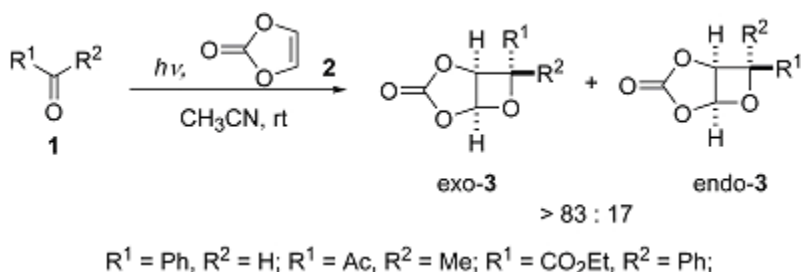
received Aug 16 2006; accepted Oct 12 2006; published Oct 21 2006;

7. Exo-selective formation of bicyclic oxetanes in the photocycloaddition reaction of carbonyl compounds with vinylene carbonate: the important role of intermediary triplet diradicals in the stereoselectivity (WA-2111AP)

Manabu Abe, Kana Taniguchi and Takashi Hayashi

Full Text: [PDF \(71K\)](#)

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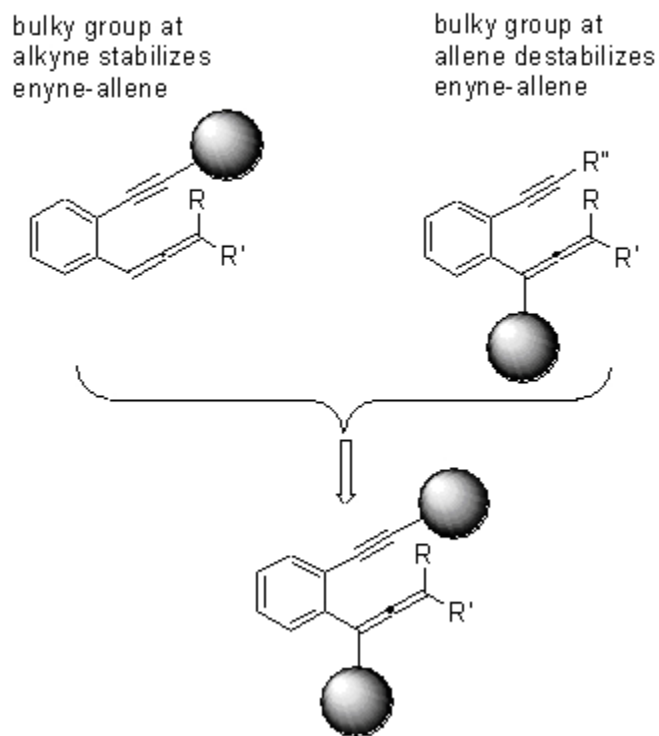
received Aug 25 2006; accepted Oct 12 2006; published Oct 21 2006;

8. Steric effects in the thermal C²-C⁶ diradical cyclization of enyne-allenes (WA-2085AP)

Michael Schmittel, Marc Strittmatter, Atul A. Mahajan, Chandrasekhar Vavilala, Mehmet Emin Cinar and Michael Maywald

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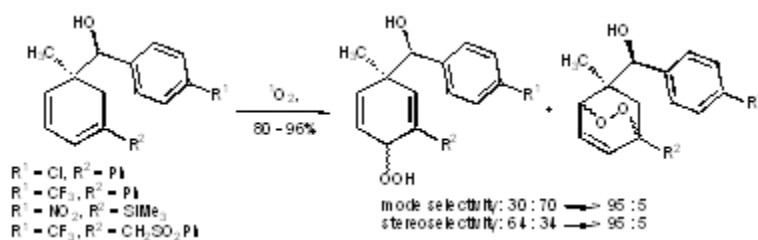
received Aug 14 2006; accepted Oct 11 2006; published Oct 25 2006;

9. Photooxygenation of chiral 1,3-cyclohexadienes: strong influence of substituents on the stereo- and mode selectivities (WA-2053AP)

Torsten Linker, Tobias KrÄ¼ger, Wilfried Hess and Gerhard Hilt

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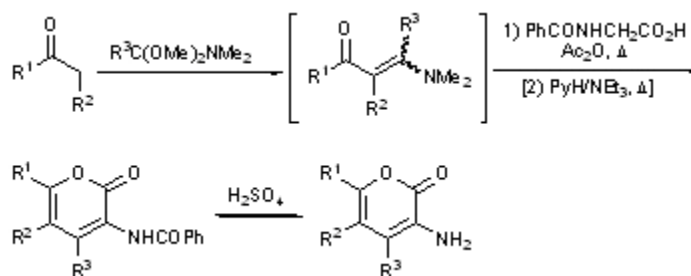
received Aug 1 2006; accepted Sep 22 2006; published Oct 27 2006;

10. Synthesis of 2H-pyran-2-ones and fused pyran-2-ones as useful building blocks (WA-2151AP)

Franc PoÄ¼gan, KriÄ¼stof Kranjc, Vladimir Kepe, Slovenko Polanc and Marijan KoÄ¼evar

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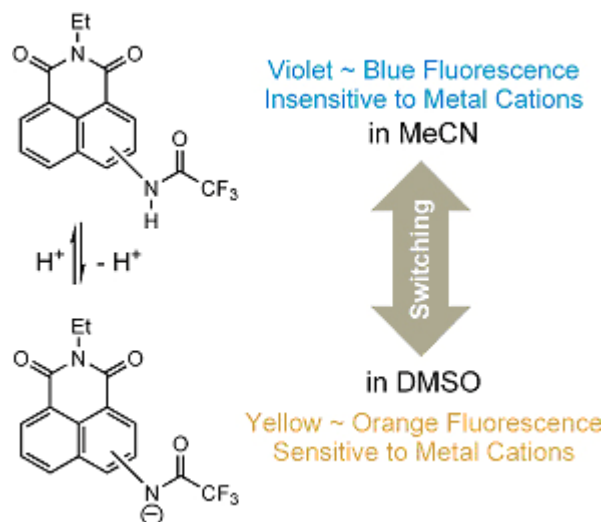
received Sep 12 2006; accepted Oct 31 2006; published Nov 10 2006;

11. Fluorescence properties of 3- and 4-trifluoroacetylamino-1,8-naphthalimides: Solvent-controlled switching of fluorescence color and response to metal-cations (WA-2131AP)

Hideki Okamoto, Kyosuke Satake and Masaru Kimura

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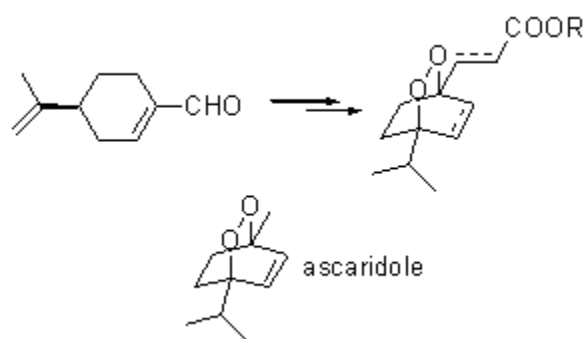
received Sep 1 2006; accepted Nov 1 2006; published Nov 10 2006;

12. Synthesis of novel polar derivatives of the antimalarial endoperoxides ascaridole and dihydroascaridole (WA-2109AP)

Emmanuel Hatzakis, Igor Opsenica, Bogdan A. Solaja and Manolis Stratakis

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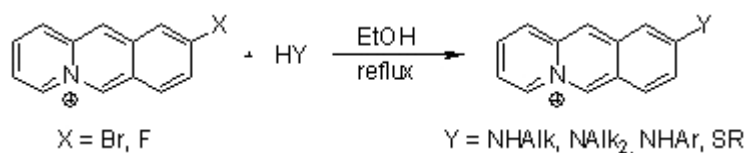
received Aug 25 2006; accepted Nov 1 2006; published Nov 13 2006;

13. Synthesis of 9-amino- and 9-sulfanyl-substituted benzo[*b*]quinolizinium derivatives (WA-2128AP)

Anton Granzhan and Heiko Ihmels

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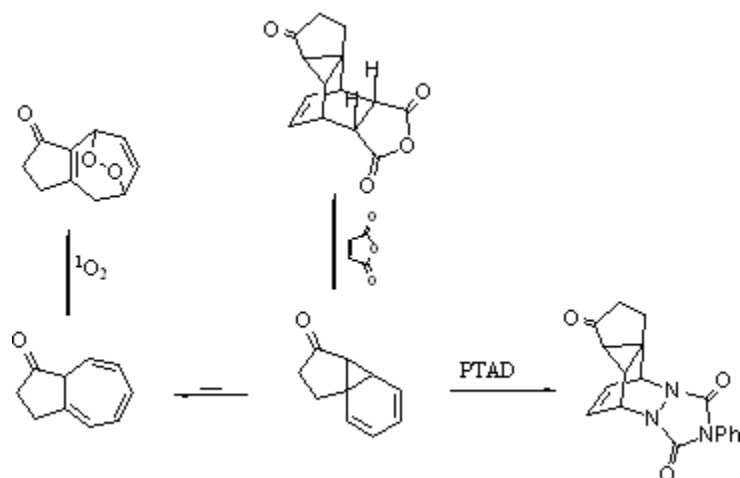
received Aug 31 2006; accepted Nov 1 2006; published Nov 15 2006;

14. The substituent effect on the cycloheptatriene-norcaradiene equilibrium. Reaction of singlet oxygen with substituted cycloheptatrienes (WA-2045AP)

Murat Aelik and Metin Balci

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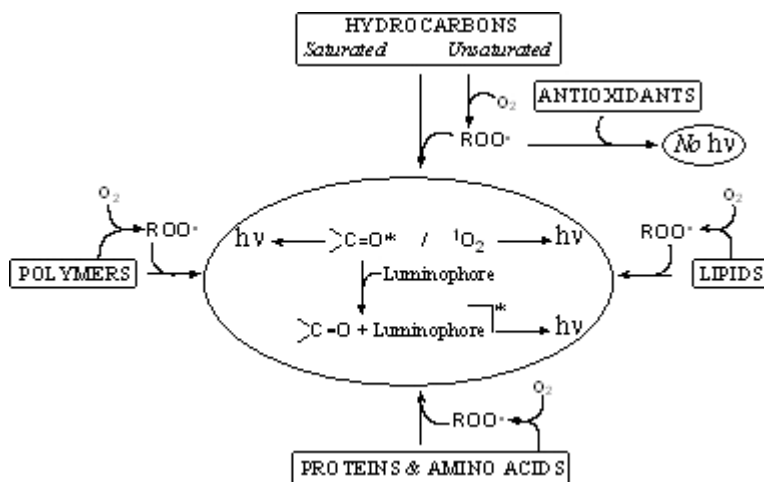
received Jul 31 2006; accepted Nov 2 2006; published Nov 17 2006;

15. Peroxy-radical-mediated chemiluminescence: mechanistic diversity and fundamentals for antioxidant assay (WA-2106AR)

Galina F. Fedorova, Alexey V. Trofimov, Rostislav F. Vasil'ev and Timur L. Veprintsev

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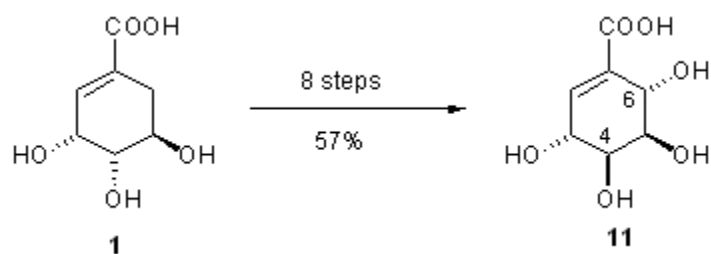
received Aug 24 2006; accepted Nov 1 2006; published Nov 24 2006;

16. Synthesis of (6S)-6-hydroxy-4-*epi*-shikimic acid (WA-2130AP)

Axel G. Griesbeck, Claus Miara and Jörg Neudörfl

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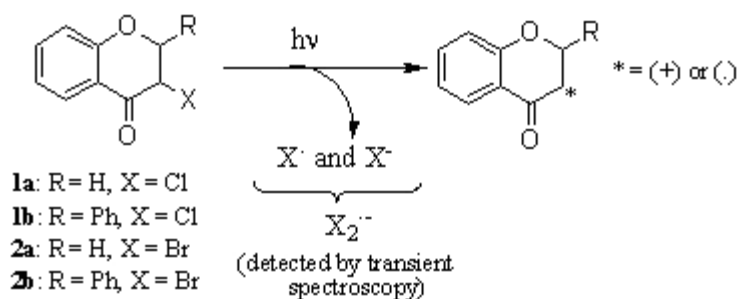
received Aug 31 2006; accepted Dec 12 2006; published Dec 19 2006;

17. Chemical and transient spectroscopic evidence for radical and ionic pathways in the photolysis of 3-halo-2,3-dihydrobenzopyran-4-ones (WA-2208AP)

Julio Delgado, Amparo EspinÃ³s, M. Consuelo JimÃ©nez and Miguel A. Miranda

Full Text: [PDF \(243K\)](#)

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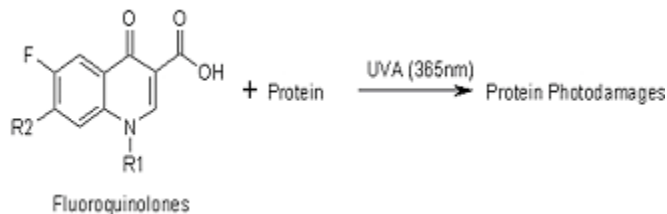
received Oct 13 2006; accepted Dec 29 2006; published Jan 8 2007;

18. Photoinduced modifications by fluoroquinolone drugs in bovine serum albumin (BSA) and ribonuclease A (RNase) as model proteins (WA-2116AP)

Francesco Dall'Acqua, Giampietro Viola, Daniela Vedaldi, Gian Gaetano Aloisi, Fausto Elisei, Loredana Latterini and Rosita Passeri

Full Text: [PDF \(1,264K\)](#)

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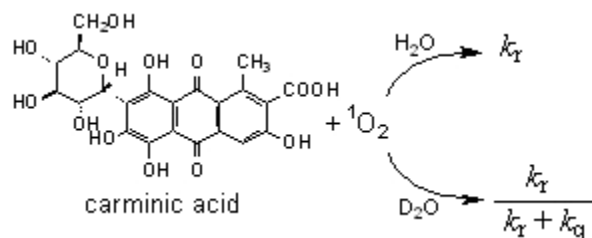
received Aug 28 2006; accepted Dec 28 2006; published Jan 10 2007;

19. Determination of physical (k_q) and chemical (k_r) rate constants for singlet oxygen quenching using the thermolysis of a naphthalenic endoperoxide in H₂O and D₂O (WA-2137AP)

Christel Pierlot, VÃ©ronique Nardello, Reinhard Schmidt and Jean-Marie Aubry

Full Text: [PDF \(97K\)](#)

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received Sep 5 2006; accepted Dec 29 2006; published Jan 10 2007;

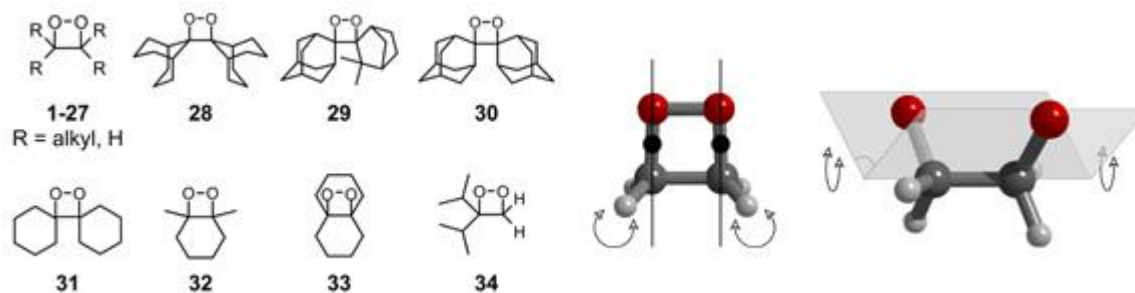
20. Theoretical studies on thermal stability of alkyl-substituted 1,2-dioxetanes (WA-2191AP)

Erick L. Bastos and Wilhelm J. Baader

Full Text: [PDF \(927K\)](#)

Supplementary Material: [PDF \(198K\)](#)

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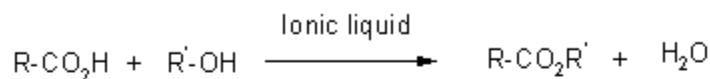
received Oct 1 2006; accepted Dec 29 2006; published Jan 18 2007;

21. Application of triethylammonium salts as ionic liquid catalyst and medium for Fischer esterification (WA-2277AP)

Pralhad A. Ganeshpure, Gigi George and Jagannath Das

Full Text: [PDF \(184K\)](#)

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Ionic liquid = $[(\text{C}_2\text{H}_5)_3\text{NH}][\text{HSO}_4]$, $[(\text{C}_2\text{H}_5)_3\text{NH}][\text{H}_2\text{PO}_4]$

and $[(\text{C}_2\text{H}_5)_3\text{NH}][\text{BF}_4]$

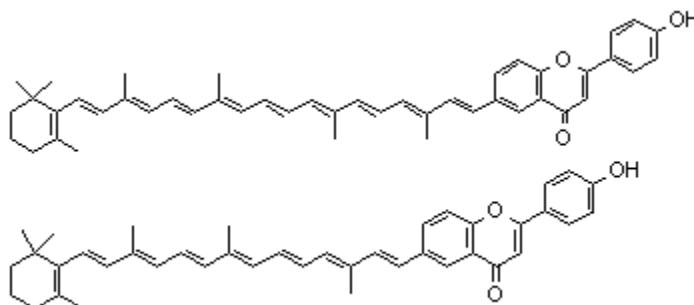
received Nov 27 2006; accepted Jan 10 2007; published Jan 23 2007;

22. Carotenylflavonoids, a novel group of potent, dual-functional antioxidants (WA-2103AP)

Stefan Beutner, Susanne Frixel, Hansgeorg Ernst, Thomas Hoffmann, Ines Hernandez-Blanco, Claas Hundsdoerfer, Nicole Kiesendahl, Sebastian Kock, Hans-Dieter Martin, Bernhard Mayer, Peter Noack, Antonio Perez-Galvez, Grit Kock, Roger Scherrers, Wolfgang Schrader, Stefan Sell and Wilhelm Stahl

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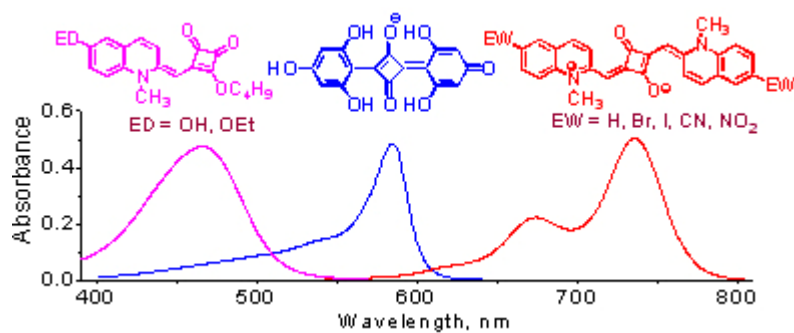
received Aug 24 2006; accepted Jan 14 2007; published Jan 23 2007;

23. Development of squaraine dyes for photodynamic therapeutical applications: synthesis and study of electronic factors in the dye formation reaction (WA-2117AP)

Kuthanapillil Jyothish, Rekha R. Avirah and Danaboyina Ramaiah

Full Text: [PDF \(742K\)](#)

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received Aug 29 2006; accepted Jan 17 2007; published Jan 25 2007;

24. Chemical, biological and evolutionary aspects of beetle bioluminescence (WA-2184AU)

Etelvino J. H. Bechara, Cleide Costa, Pio Colepicolo, Vadim Viviani, Marcelo P. Barros, Graham S. Timmins, Abner B. Lalf, Walter R. Terra, Cláudia Ferreira, Cassius V. Stevani and Moacir A. Torres
Full Text: [PDF \(271K\)](#)

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An account with 51 references

received Sep 28 2006; accepted Feb 13 2007; published Feb 23 2007;

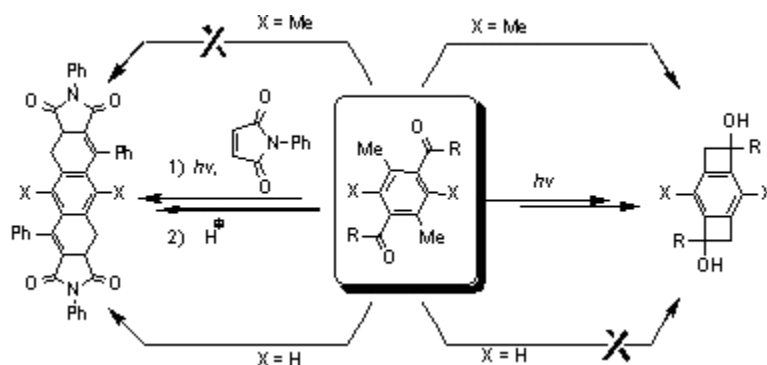
25. Photochemistry of dicarbonyl-substituted benzenes: influence of steric and electronic factors in the cyclization and Diels-Alder trapping reactions of photoenols (WA-2153AP)

Jarugu Narasimha Moorthy and Subhas Samanta

Full Text: [PDF \(339K\)](#)

Supplementary Material: [PDF \(2,100K\)](#)

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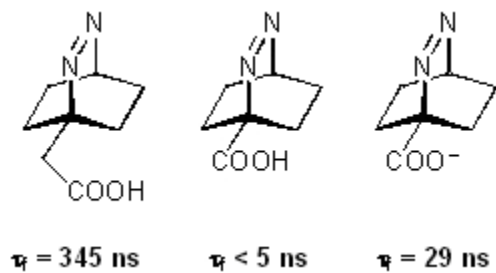
received Sep 13 2006; accepted Feb 28 2007; published Mar 9 2007;

26. Bridgehead carboxy-substituted 2,3-diazabicyclo[2.2.2]oct-2-enes: synthesis, fluorescent properties, and host-guest complexation (WA-2200AP)

Andreas Hennig, Thomas Schwarzlose and Werner M. Nau

Full Text: [PDF \(403K\)](#)

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received Oct 10 2006; accepted Feb 28 2007; published Mar 16 2007;