

ARKIVOC Volume 2003

Part (vi): Commemorative Issue in Honor of Prof. Anastasios Varvoglis on the occasion of his 65th anniversary

Facilitator: Viktor V. Zhdankin

Scientific Editor: Mikael Begtrup

1. A Tribute to Prof. Anastasios Varvoglis (AV-467AT)

Viktor V. Zhdankin

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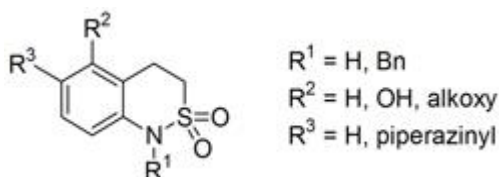
accepted Jan 4 2003; published Jan 8 2003;

2. Preparation of 3,4-dihydro-2,1-benzothiazine 2,2-dioxides with polymer-supported hypervalent iodine reagents (AV-664AP)

Kenji Sakuratani and Hideo Togo

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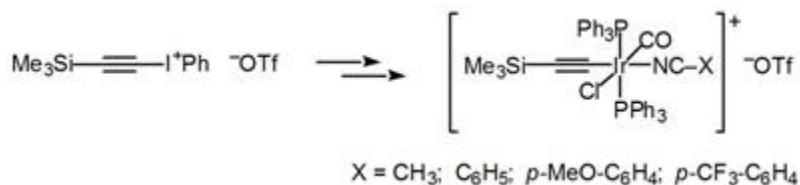
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3. Alkynyl(phenyl) iodonium triflates as precursors to iridium(III) σ -acetylide complexes (AV-669AP)

Darren Bykowski, Robert McDonald and Rik R. Tykwinski

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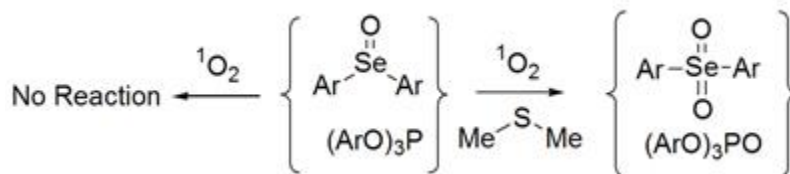
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4. An indirect method for the oxidation of aryl phosphites to phosphates and aryl selenoxides to selenones (AV-672AP)

Nikoletta Sofikiti and Manolis Stratakis

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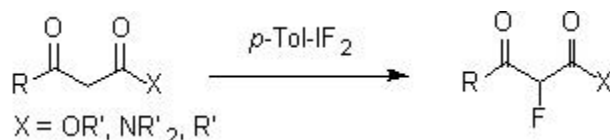
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5. α -Fluorination of β -dicarbonyl compounds using *p*-iodotoluene difluoride under neutral conditions (AV-649AP)

Masanori Yoshida, Komei Fujikawa, Saeko Sato and Shoji Hara

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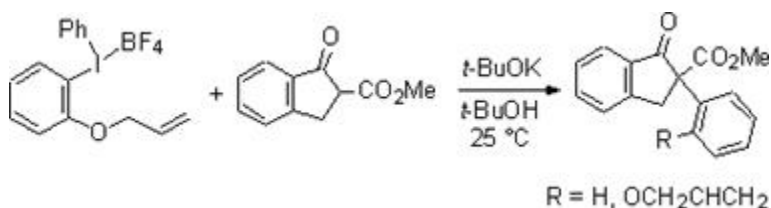
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6. On the mechanism of α -phenylation of β -keto esters with diaryl- λ^3 -iodanes: evidence for a non-radical pathway (AV-559AP)

Masahito Ochiai, Yutaka Kitagawa and Mika Toyonari

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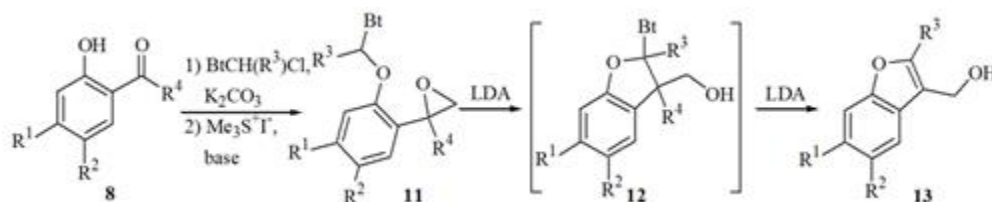
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7. Syntheses of 3-hydroxymethyl-2,3-dihydrobenzofurans and 3-hydroxymethylbenzofurans (AV-622AP)

Alan R. Katritzky, Kostyantyn Kirichenko, Yu Ji, Peter J. Steel and Mati Karelson

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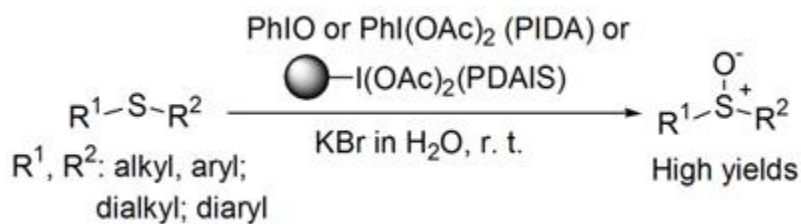
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8. Facile and efficient oxidation of sulfides to sulfoxides in water using hypervalent iodine reagents (AV-667AP)

Hirofumi Tohma, Tomohiro Maegawa and Yasuyuki Kita

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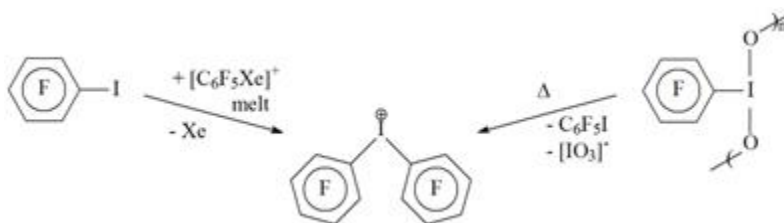
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9. Two special pathways to perfluoroaryl iodonium salts: the migration of the nucleophilic aryl group in $\text{C}_6\text{F}_5\text{IO}$ and the electrophilic arylation of $\text{C}_6\text{F}_5\text{I}$ with $[\text{C}_6\text{F}_5\text{Xe}]^+$ salts (AV-682AP)

Joachim Helber, Hermann-Josef Frohn, Angela Klose and Thomas Scholten

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10. Synthesis and characterization of novel polyvalent organoiodine compounds (AV-676AP)

Bindu V. Meprathu and John D. Protasiewicz

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A manuscript with 12 reference

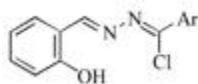
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11. Reactions of *N*-acylhydrazones with thionyl chloride (AV-673AP)

Antigoni Kotali and Ioannis S. Lafazanis

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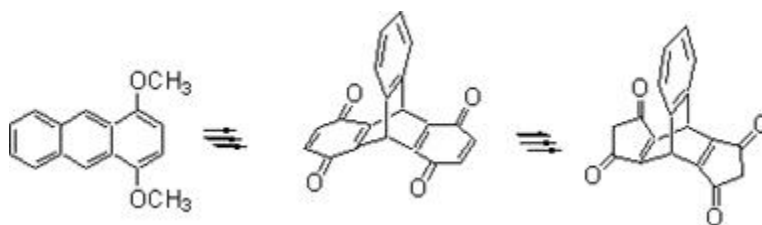
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12. Triptycene quinones in synthesis: preparation of triptycene bis-cyclopentenedione (AV-630AP)

Spyros Spyroudis and Nikoletta Xanthopoulou

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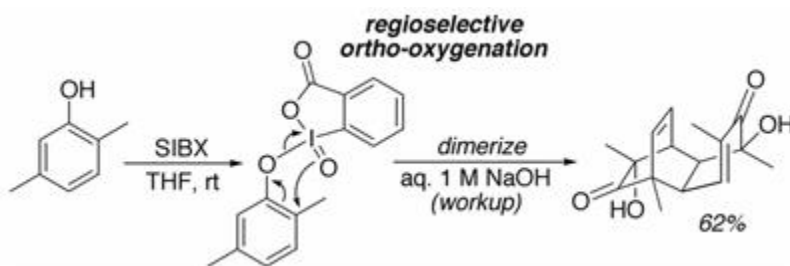
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13. Iodane-mediated and electrochemical oxidative transformations of 2-methoxy- and 2-methylphenols (AV-677AP)

Stephane Quideau, Laurent Pouysegou, Denis Deffieux, Aurelie Ozanne, Julien Gagnepain, Isabelle Fabre and Mayalen Oxoby

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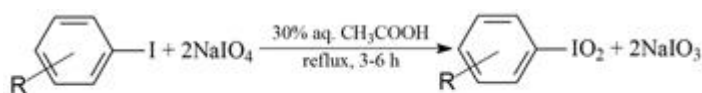
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14. Optimized syntheses of iodylarenes from iodoarenes, with sodium periodate as the oxidant. Part II (AV-657AP)

Lukasz Kraszkiewicz and Lech Skulski

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Similarly, 2-I-C₆H₄COOH afforded 2-OI-C₆H₄COOH

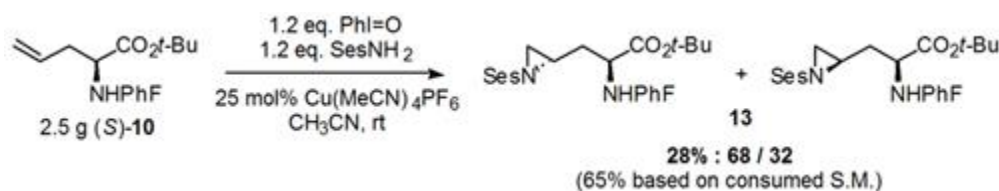
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15. Copper-catalyzed aziridination of allylglycine derivatives (AV-665AP)

Loïc Leman, Laurent Saniere, Philippe Dauban and Robert H. Dodd

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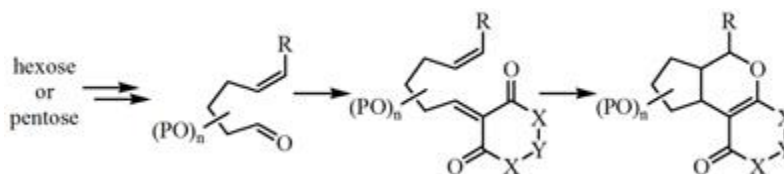
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16. Domino Knoevenagel hetero Diels-Alder reactions of sugar derived δ,ϵ -unsaturated aldehydes (AV-668AP)

John K. Gallos and Alexandros E. Koumbis

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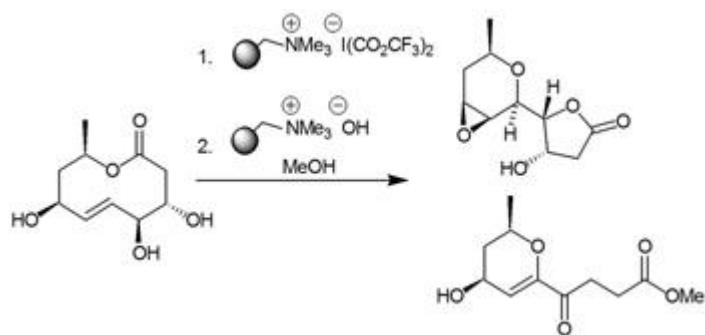
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17. Polymer-bound haloate(I) anions by iodine(III)-mediated oxidation of polymer-bound iodide: Synthetic utility in natural product transformations (AV-660AP)

Andreas Kirschning, Eike Kunst, Monika Ries, Lars Rose, Andreas SchÄ¶nberger and Rudolf Wartchow

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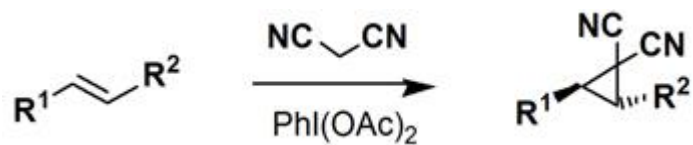
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18. Cyclopropanation of alkenes using hypervalent iodine reagents (AV-645AP)

Andreas S. Biland, Sabine Altermann and Thomas Wirth

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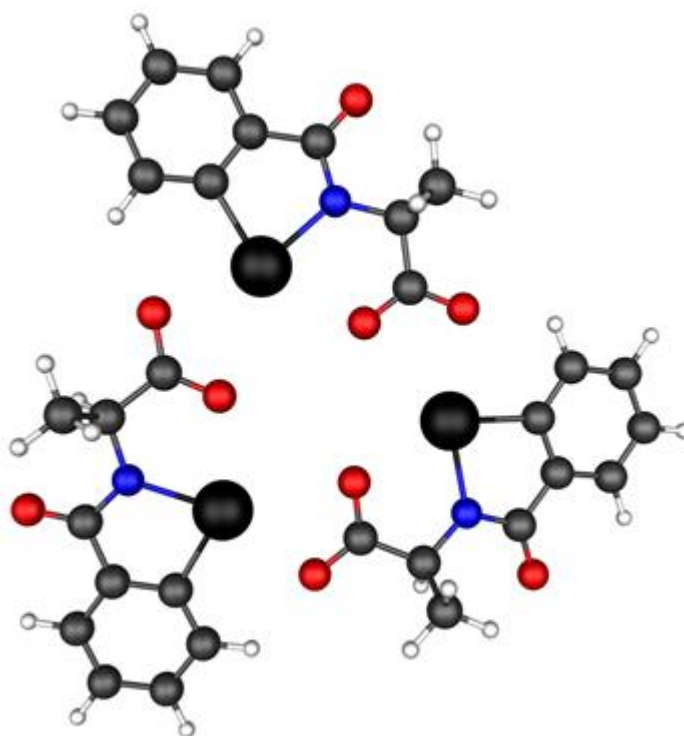
received Jan 10 2003; accepted Apr 1 2003; published Jun 6 2003;

19. Self-assembly of hypervalent iodine through primary and secondary bonding (AV-678AP)

Paul Kiprof and Viktor Zhdankin

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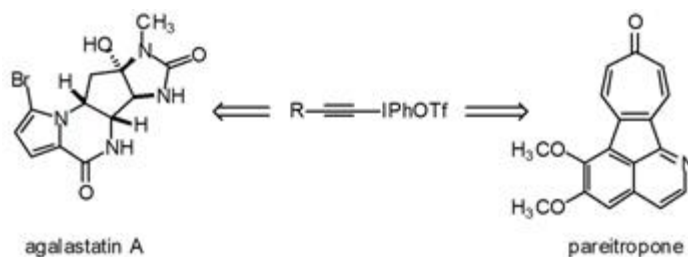
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20. Application of alkynyliodonium salts to natural products synthesis: A mini-review of recent work at Penn State (AV-644AR)

Ken S. Feldman

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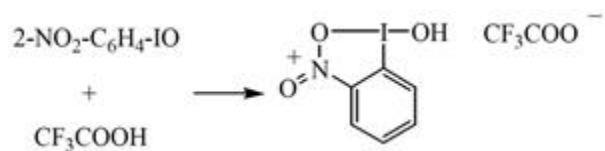
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21. Hypervalent iodine compounds derived from *o*-nitroiodobenzene and related compounds: syntheses and structures (AV-744AP)

Vladimir A. Nikiforov, Vladimir S. Karavan, Sergei A. Miltsov, Stanislav I. Selivanov, Erkki Kolehmainen, Elina Wegelius and Maija Nissinen

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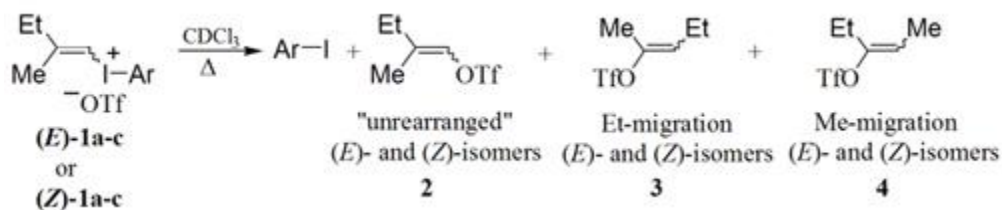
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22. Fragmentations of (*E*)- and (*Z*)- isomers of 2-methylbuten-1-yl(aryl)iodonium triflates: competing mechanisms for enol triflate formation (AV-745AP)

Robert J. Hinkle and Ann M. Mikowski

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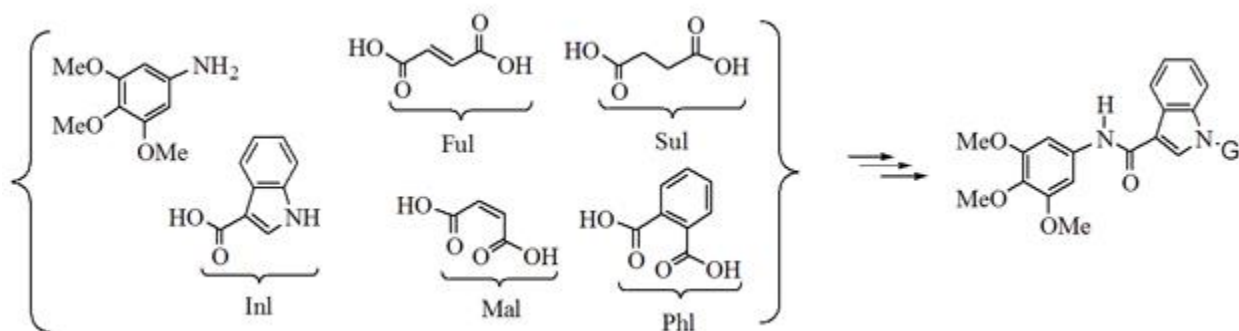
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23. Synthetic studies towards the development of a novel class of acitretin-type retinoids (AV-671AP)

George Magoulas and Dionissios Papaioannou

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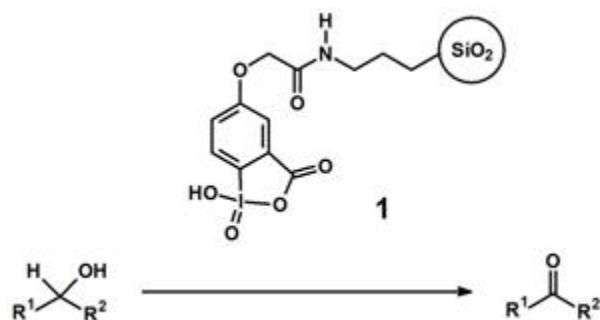
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24. First synthesis and oxidative properties of polymer-supported IBX (AV-725AP)

Marcel Mlbaier and Athanassios Giannis

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