

**1. A Tribute to Prof. Henry J. Shine (HS-479JT)**

*Richard A. Bartsch*

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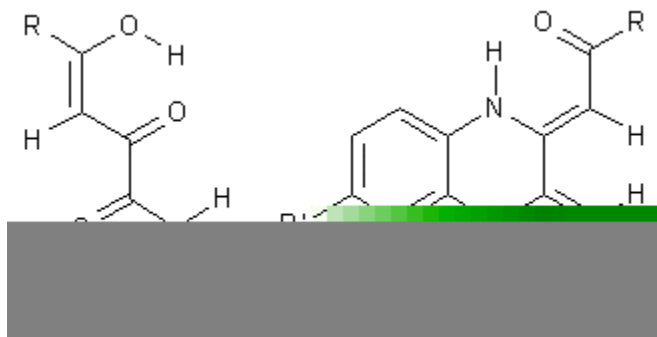
accepted Apr 6 2003; published Apr 8 2003;

**2. Assignment of the  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of 1-methyl-6-phenyl-1 $\alpha$ ,4 $\alpha$ ,4 $\alpha$ ,5 $\alpha$ ,8 $\beta$ ,8 $\alpha$ -hexahydro-1,4-methanonaphthalene-5,8-diol (HS-641JP)**

*David E. Minter, Alan P. Marchand and Fuh-Rong Tsay*

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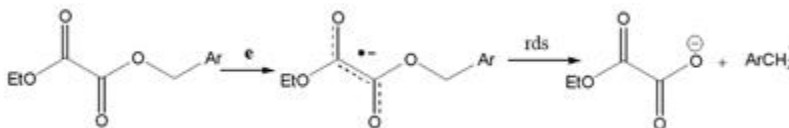
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**3. Electroorganic reactions. Part 58. Revisiting the cleavage of oxalate ester radical-anions (HS-742JP)**

*James H.P. Utley and Shalini Ramesh*

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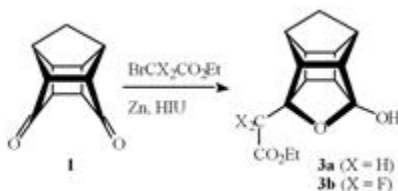
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**4. High-intensity ultrasound-promoted Reformatsky reactions of pentacyclo[5.4.0.0<sup>2,6</sup>.0<sup>3,10</sup>.0<sup>5,9</sup>]undecane-8,11-dione (HS-766JP)**

*Nathan A. Ross, Richard A. Bartsch and Alan P. Marchand*

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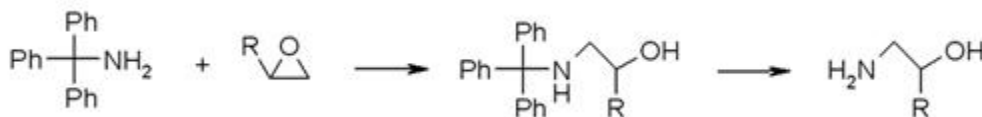
received May 23 2003; accepted Jun 6 2003; published Jun 13 2003;

**5. Tritylamine (triphenylmethanimine) in organic synthesis; II. The reaction of tritylamine with oxiranes – synthesis of *N*-trityl- $\beta$ -aminoalcohols (HS-757JP)**

*Mirosław Soroka and Waldemar Goldeman*

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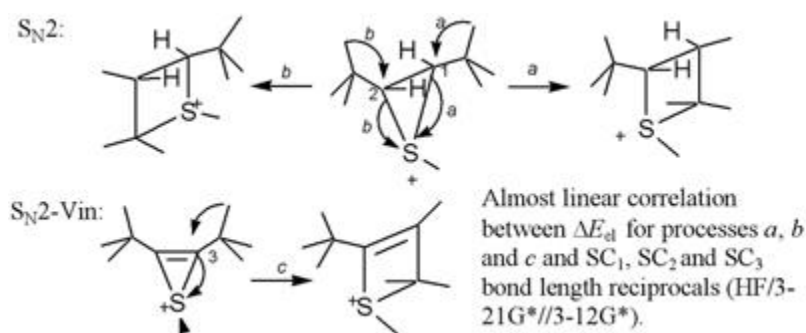
received May 9 2003; accepted Jun 19 2003; published Jun 21 2003;

**6. Nucleophilic reactions at the ring carbons of thiiranium and thiirenium ions. An experimental and theoretical comparison of the  $\text{S}_{\text{N}}2$  and  $\text{S}_{\text{N}}2\text{-Vin}$  mechanisms (HS-753JP)**

*Giuseppe Borsato, Vittorio Lucchini, Giorgio Modena, Lucia Pasquato and Alfonso Zambon*

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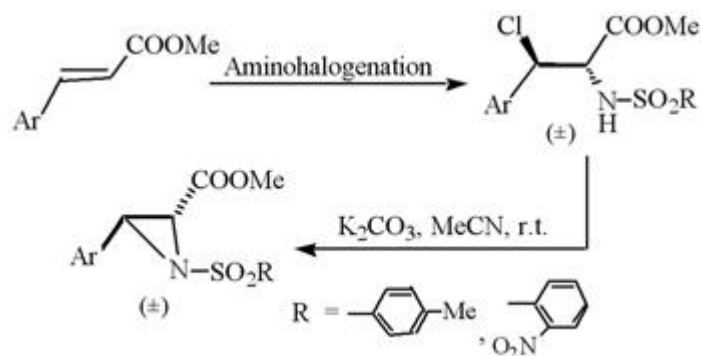
received Apr 30 2003; accepted Jun 4 2003; published Jun 26 2003;

## 7. The cinnamate-based aminohalogenation provides an easy access to *anti* methyl 3-aryl-*N*-*p*-tosyl- and *N*-*o*-nosyl-aziridine-2-carboxylates (HS-759JP)

Dianjun Chen, Sun Hee Kim, Brian Hodges and Guigen Li

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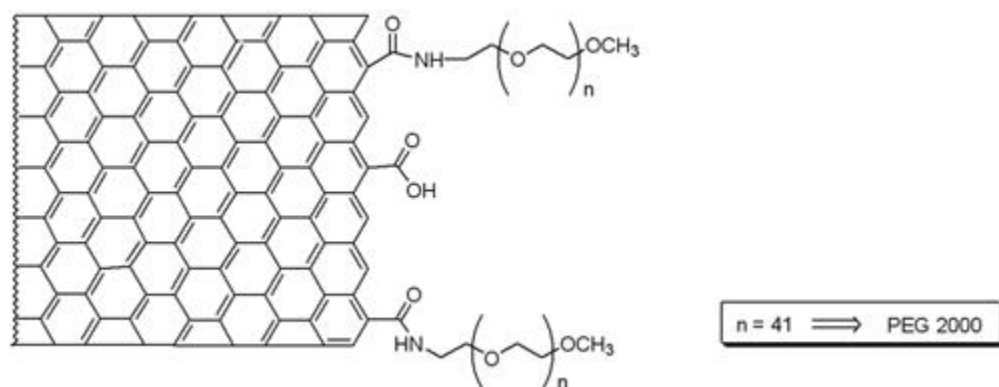
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## 8. Shortened single-walled nanotubes functionalized with poly(ethylene glycol): preparation and properties (HS-804JP)

Enzo Menna, Gianfranco Scorrano, Michele Maggini, Matteo Cavallaro, Federico Della Negra, Marino Battagliarin, Renato Bozio, Fabiana Fantinel and Moreno Meneghetti

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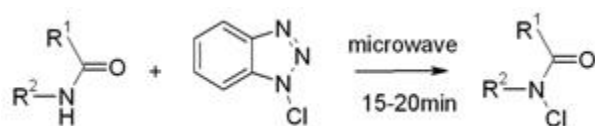
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### 9. Microwave assisted *N*-chlorination of secondary amides (HS-873JP)

Alan R. Katritzky, Suman Majumder and Ritu Jain

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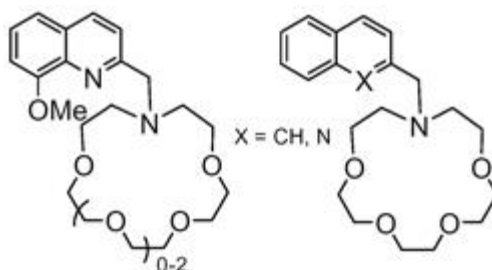
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### 10. Synthesis of *N*-pivot lariat ethers and their metal ion complexation behavior (HS-832JP)

Larry D. Bratton, Bozena Strzelbicka and Richard A. Batsch

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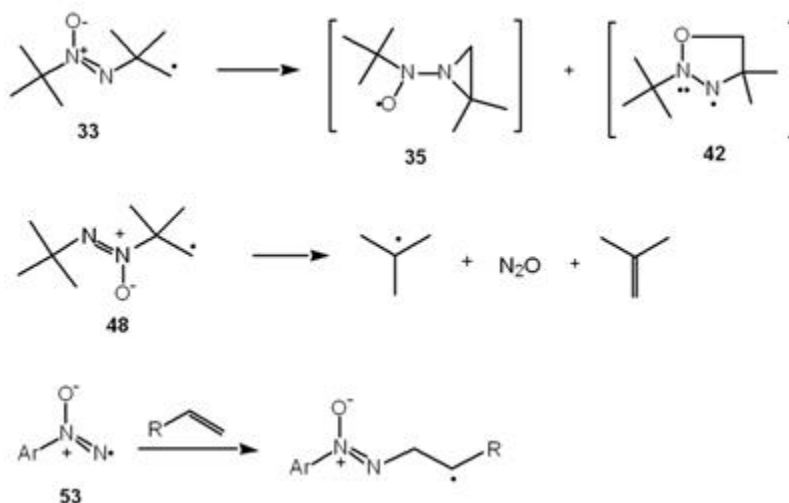
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### 11. The free radical chemistry of the azoxy group (HS-810JR)

Paul S. Engel, Shaoming Duan, Shulin He, Konstantin Tsvaygboym, Chengrong Wang, Aiyin Wu, Yunming Ying and William B. Smith

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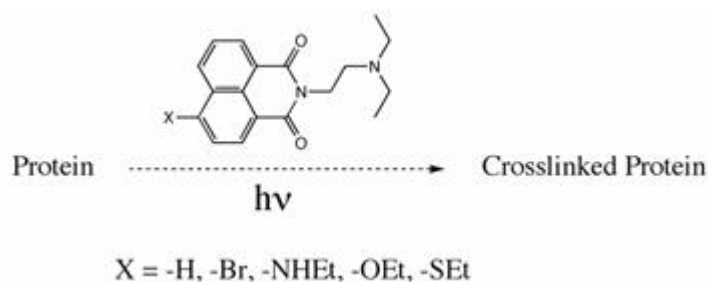
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### 12. Protein crosslinking by 1,8-naphthalimides: influence of the 4-substituent (HS-908JP)

R. Jeremy Woods, Jianxing Zhang, Charalene R. Green and Robert R. Kane

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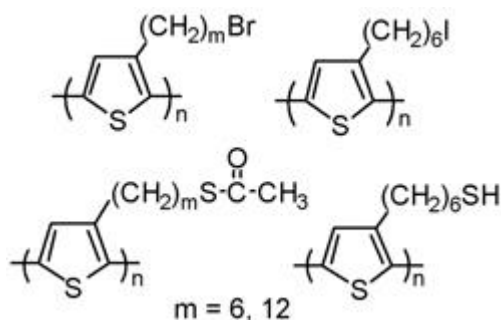
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### 13. Synthesis and study of poly(3-hexylthiophenes) and poly(3-dodecylthiophenes) containing halogen and sulfur substituents in the $\omega$ -position of the side chain (HS-830JP)

Martin Pomerantz, Lixin (Martha) Liu and Xinnong (Simon) Zhang

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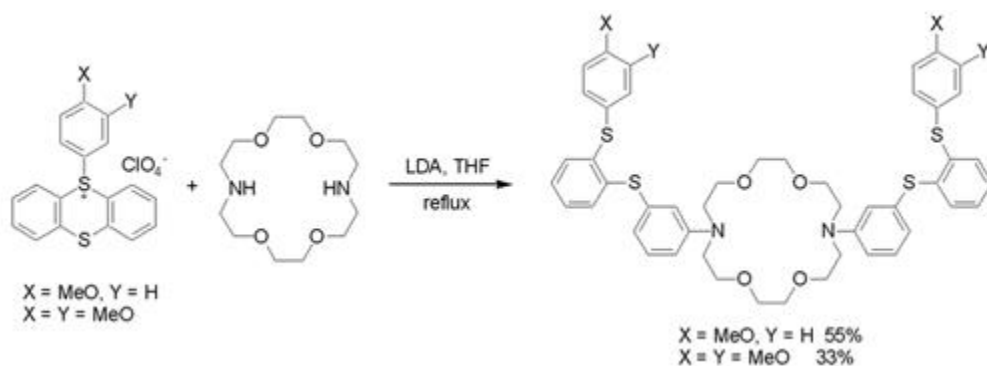
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**14. Synthesis of 2-(aryltio)-3'-(alkyl- or dialkylamino)diphenyl sulfides via 5-aryltianthrenium perchlorates and their complexations with silver(I) and lead(II) ions (HS-868JP)**

*Kyongho Yoon, Kab Sig Kim and Kyongtae Kim*

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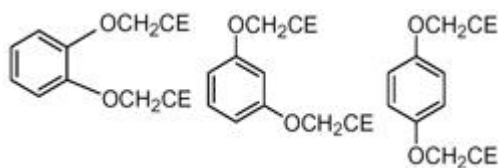
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**15. Structure-cation complexation relationships for *ortho*-, *meta*-, and *para*-substituted bis(oxymethylcrown)benzenes and  $\alpha,\alpha'$ -xylenes (HS-916JP)**

*David A. Babb, Bronislaw P. Czech and Richard A. Bartsch*

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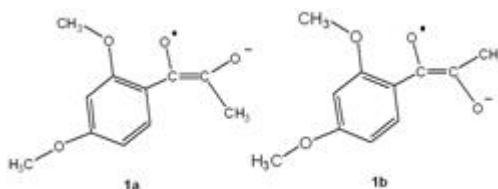
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**16. Electron spin resonance studies of substituent effects. Part 6. Experimental and theoretical studies of ortho substituent-induced *cis-trans* isomerization in 1-phenyl-1,2-propanesemidiones (HS-882JP)**

*E. Thomas Strom, Dennis S. Marynick and Brinkley S. Snowden, Jr.*

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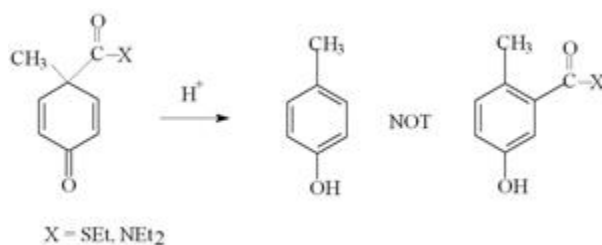
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**17. Fragmentation vs rearrangement of the amide and thioester groups in 4,4-disubstituted cyclohexadienones (HS-892JP)**

*John N. Marx and Howard M. Merken*

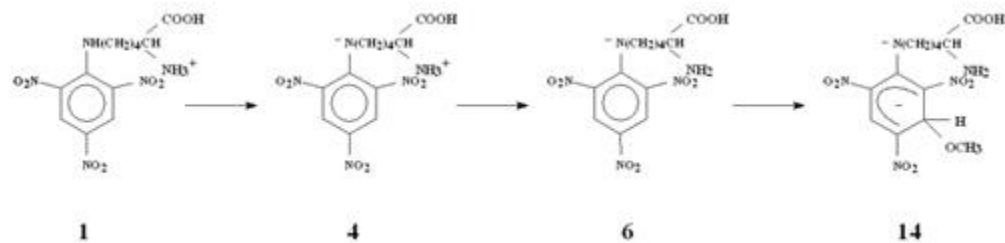
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received Jun 24 2003; accepted Feb 14 2004; published Feb 26 2004;

**18.  $\sigma$ -Complexes as biochemical and biophysical probes. Part 6. The interaction of *N*-2,4,6-trinitrophenyl-L-lysine with methoxide ion in dimethylsulfoxide-methanol (95%-5% v/v) mixture: proton transfer and  $\sigma$ -complex formation (HS-1077JP)**



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