

ARKIVOC Volume 2003

Part (xiii): Commemorative Issue in Honor of Prof. Boris A. Trofimov on the occasion of his 65th anniversary

Facilitator: Olga Stankevich
Scientific Editor: Anthony Waring

1. A Tribute to Prof. Boris A. Trofimov (BT-482HT)

N. K. Gusarova and A. E. Favorsky

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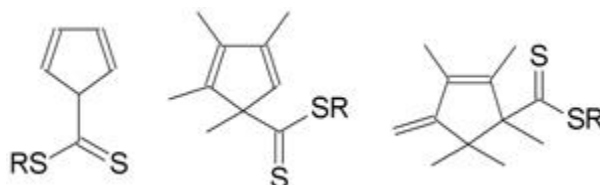
accepted Apr 18 2003; published Apr 18 2003;

2. A convenient access to ring unsaturated cyclopentane carbodithioates via hetero-Diels-Alder chemistry (BT-679HP)

Ibrahim El-Sayed, Rita Gronbek Hazell and Alexander Senning

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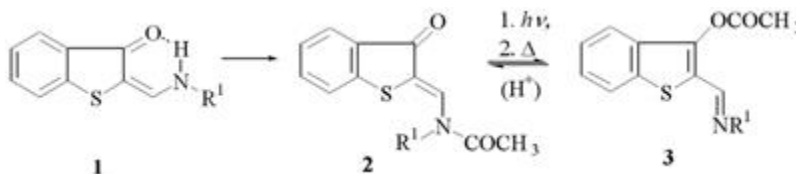
received Feb 2 2003; accepted Apr 28 2003; published May 2 2003;

3. Photochromic 2-(N-acyl-N-arylamino)methylene)benzo[b]thiophene-3(2H)-ones with fluorescent labels and/or crown-ether receptors (BT-751HP)

Alexander D. Dubonosov, Vladimir I. Minkin, Vladimir A. Bren, Lidia L. Popova, Vladimir P. Rybalkin, Evgenii N. Shepelenko, Natalia N. Tkalina and Alexey V. Tsukanov

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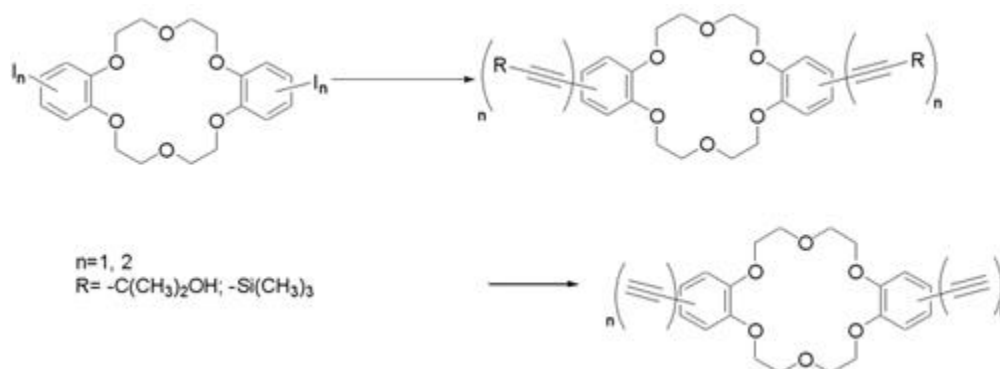
received Apr 24 2003; accepted May 26 2003; published May 28 2003;

4. Synthesis and chemical properties of polyacetylenic derivatives of benzo- and dibenzo- crown ethers (BT-749HP)

Svetlana V. Klyatskaya, Eugene V. Tretyakov and Sergey F. Vasilevsky

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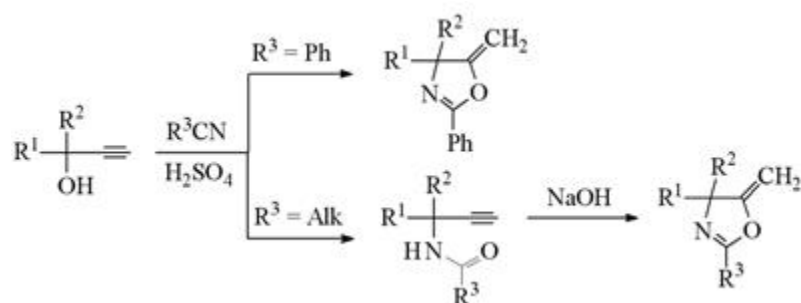
received Apr 16 2003; accepted Jun 2 2003; published Jun 6 2003;

5. Expedient routes to 4,4-dialkyl- 5-methylene-1,3-oxazolines (BT-746HP)

Elena Yu. Schmidt, Alexander M. Vasil'atsov, Al'ina I. Mikhaleva, Alexey B. Zaitsev, Andrey V. Afonin, Dar'ya-Syren D. Toryashinova, Ludmila V. Klyba, Jan-Dirk Arndt and Jochem Henkelmann

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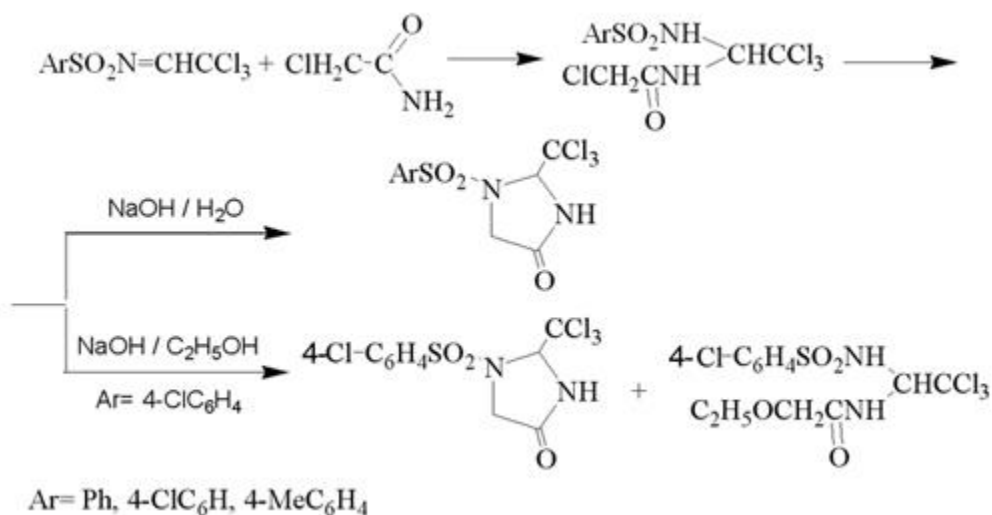
received Apr 4 2003; accepted Jun 2 2003; published Jun 6 2003;

6. Synthesis of N-arylsulfonylimidazolidine-4-ones from N-(2,2,2-trichloroethylidene)arenesulfonamides and monochloroacetamide (BT-773HP)

Igor B. Rozentsveig, Irina T. Evstaf'eva, Galina I. Sarapulova, Galina G. Levkovskaya and Julia A. Aizina

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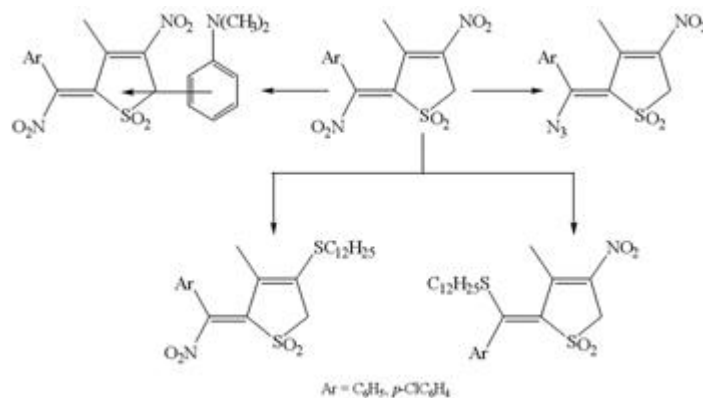
received May 28 2003; accepted Jul 1 2003; published Jul 10 2003;

7. Dinitrosulfodienes of the 2,5-dihydrothiophene-1,1-dioxide series in reactions with nucleophiles (BT-788HP)

Valentina M. Berestovitskaya and Irina E. Efremova

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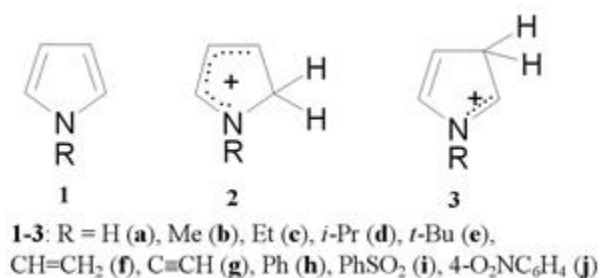
received Jun 1 2003; accepted Jul 7 2003; published Jul 17 2003;

8. Positional selectivity in reactions of pyrrole and its N-substituted derivatives with electrophiles (BT-791HP)

L. I. Belen'kii, T. G. Kim, I. A. Suslov and N. D. Chuvylkin

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received Jun 3 2003; accepted Jun 30 2003; published Jul 19 2003;

9. Microwave-assisted heterocyclic synthesis (BT-752HR)

Alan R. Katritzky and Sandeep K. Singh

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A review with 26 references

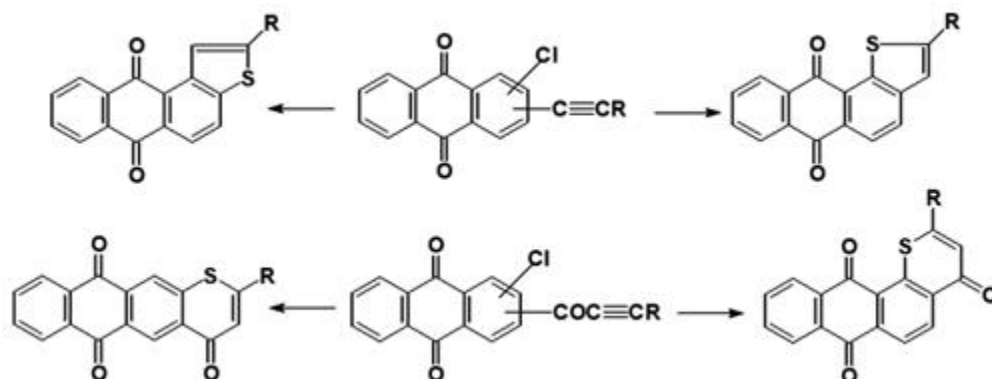
received Apr 25 2003; accepted Jul 14 2003; published Jul 22 2003;

10. Synthesis of sulfur-containing heterocyclic compounds by cyclocondensation of acetylenic derivatives of anthraquinone with sodium sulfide (BT-797HP)

Mark S. Shvartsberg and Irena D. Ivanchikova

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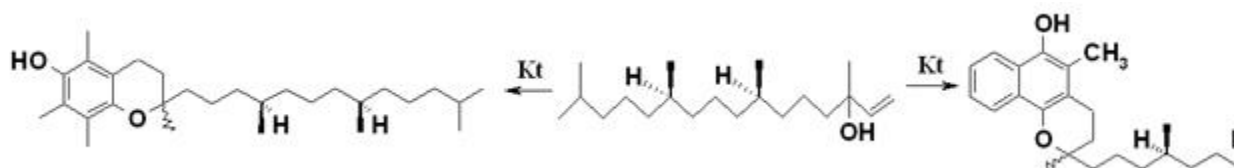
received Jun 5 2003; accepted Jul 9 2003; published Jul 23 2003;

11. Synthesis of α -tocopherol (vitamin E), vitamin K₁-chromanol, and their analogs in the presence of aluminosilicate catalysts Tseokar-10 and Pentasil (BT-780HP)

Victor N. Odinkov, Anna Yu. Spivak, Gulnara A. Emelyanova, Marina I. Mallyabaeva, Oksana V. Nazarova and Usein M. Dzhemilev

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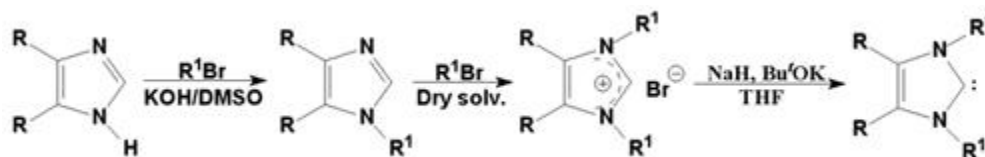
received May 29 2003; accepted Jul 6 2003; published Jul 31 2003;

12. Synthesis of new stable carbenes from the corresponding 1,3-dialkylimidazolium and benzimidazolium salts (BT-778HP)

O.V. Starikova, G.V. Dolgushin, L.I. Larina, T.N. Komarova and V.A. Lopyrev

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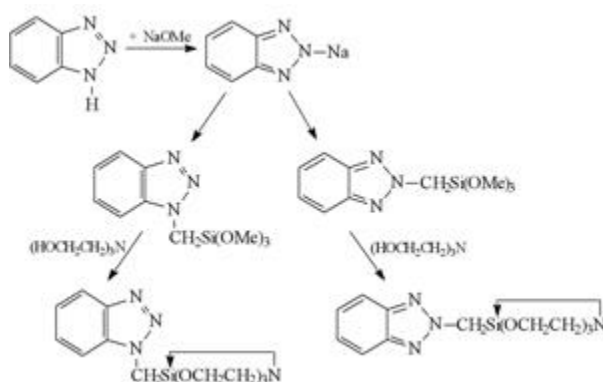
received May 29 2003; accepted Aug 3 2003; published Aug 5 2003;

13. The synthesis and stereoelectronic structure of 1- and 2-(trimethoxysilylmethyl)- and 1- and 2-(silatranylmethyl)benzotriazole (BT-781HP)

Mikhail G. Voronkov, Olga M. Trofimova, Esfir I. Brodskaya, Yuliya I. Bolgova, Lyudmila I. Larina, Lyudmila V. Klyba, Eleonora A. Zelbst and Nikolay F. Chernov

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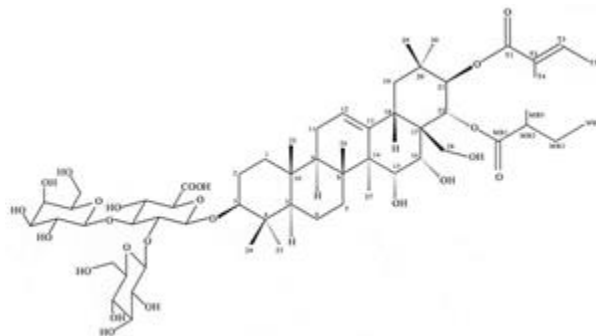
received May 29 2003; accepted Aug 4 2003; published Aug 8 2003;

14. Elucidation of a new oleanane glycoside from *Barringtonia asiatica* (BT-743HP)

Robert A. Burton, Steven G. Wood and Noel L. Owen

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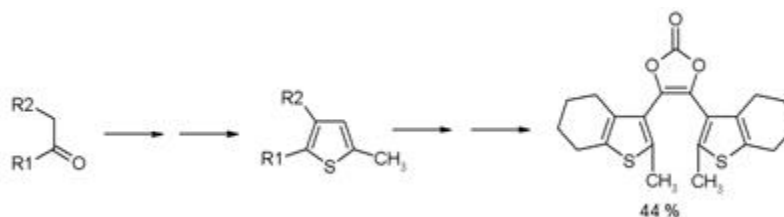
received Mar 27 2003; accepted Aug 5 2003; published Aug 8 2003;

15. A novel method for the synthesis of methylthiophenes from ketones containing an active methylene group (BT-775HP)

Michael M. Krayushkin, Boris V. Lichitsky, Denis V. Kozhinov, Sergey N. Ivanov and Arkady A. Dudinov

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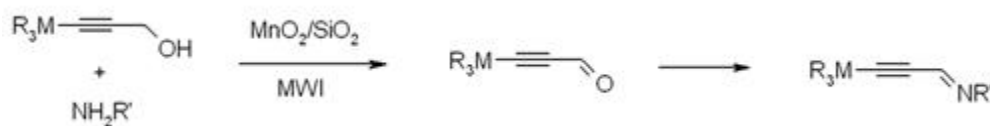
received May 28 2003; accepted Sep 3 2003; published Sep 3 2003;

16. Solvent-free MW-assisted direct conversion of 3-tri-organosilyl-(germyl-)prop-2-yn-1-ols to ynimines (BT-807HP)

Alevtina S. Medvedeva, Alexander V. Mareev, Alla I. Borisova and Andrei V. Afonin

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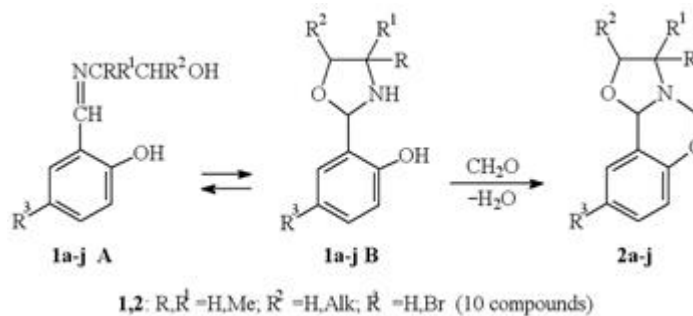
received Jun 17 2003; accepted Aug 21 2003; published Sep 10 2003;

17. Condensation of *N*-(2-hydroxybenzylidene)-1,2-aminoalkanols with formaldehyde (BT-808HP)

B.F. Kukharev, V.K. Stankevich, G.R. Klimenko, V.V. Bayandin and A.I. Albanov

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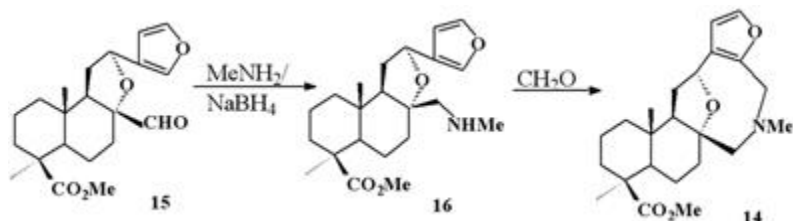
received Jun 11 2003; accepted Sep 5 2003; published Sep 16 2003;

18. Synthetic transformations of natural diterpenes. Synthesis of alkaloid-like compounds from lambertianic acid (BT-782HP)

Sergey V. Chernov, Elvira E. Shults, Makhmut M. Shakirov, Irina Yu. Bagrjanskaja, Yuri V. Gatilov and Genrikh A. Tolstikov

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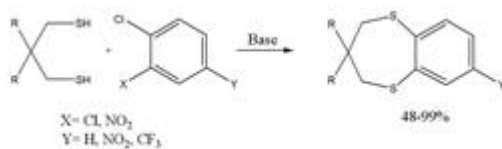
received May 29 2003; accepted Sep 13 2003; published Sep 19 2003;

19. Synthesis of dihydrobenzodithiepienes by the reactions of 1,2-dichloro- and 1-chloro-2-nitrobenzenes with 1,3-dithiols (BT-786HP)

G. I. Nikishin, D. V. Demchuk and A. V. Miroshnichenko

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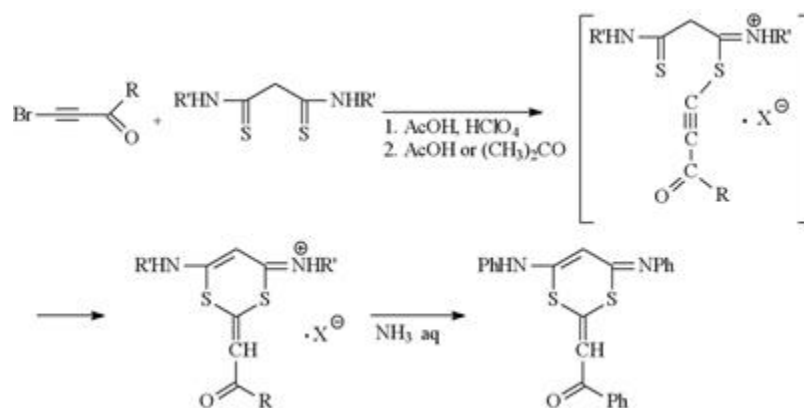
received May 31 2003; accepted Sep 17 2003; published Sep 26 2003;

20. Synthesis of 1,3-dithiinium salts (BT-787HP)

T.V. Nizovtseva, T.N. Komarova, A.S. Nakhmanovich, L.I. Larina and V.A. Lopyrev

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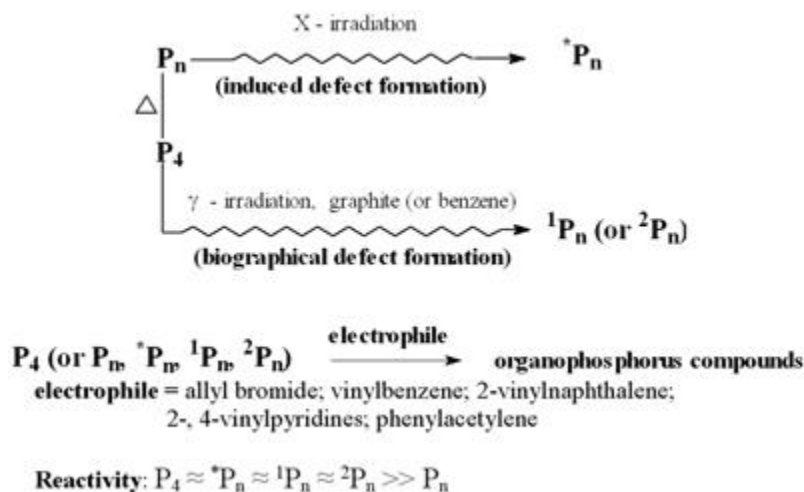
received Jun 1 2003; accepted Sep 30 2003; published Oct 16 2003;

21. Radiation defect formation processes as a method for activation of red phosphorus in the Trofimov-Gusarova reaction (BT-779HP)

Boris Sukhov, Svetlana Malysheva, Tamara VakuĀ'skaya, Vladislav Tirsky, Evgueni Martynovich, Yurii Smetannikov and Nataliya Tarasova

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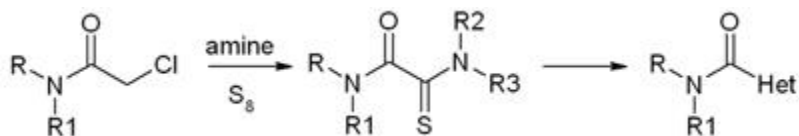
received May 29 2003; accepted Oct 9 2003; published Oct 17 2003;

22. Synthesis and reactivity of monothio-oxamides (BT-798HP)

Igor V. Zavarzin, Vladimir N. Yarovenko, Aleksander V. Shirokov, Nataliya G. Smirnova, Andrey A. EsĀ'kov and Michael M. Krayushkin

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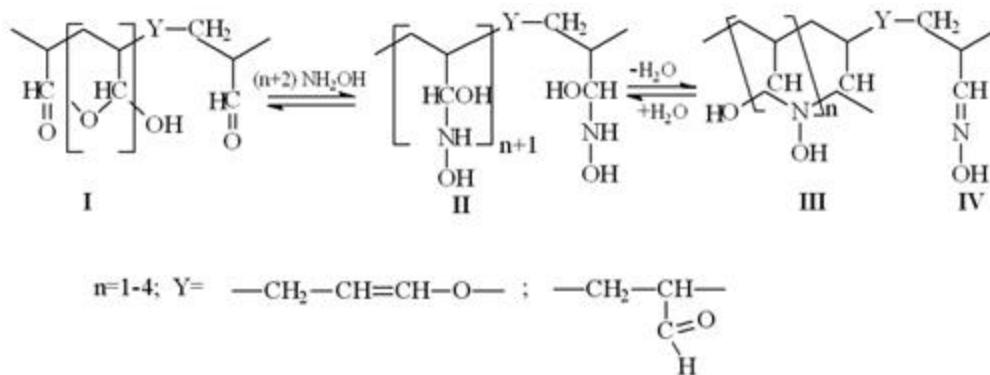
received Jun 6 2003; accepted Oct 12 2003; published Oct 27 2003;

23. Polyacroleinoximes: synthesis and structure (BT-754HP)

L. M. Antonik, A. G. Khabibulina, T. I. Vakul'skaya and V. A. Lopyrev

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