

1. A Tribute to Prof. Richard Bartsch (RB-1446RT)

Full Text: [PDF \(177K\)](#)

pp. 1 - 9

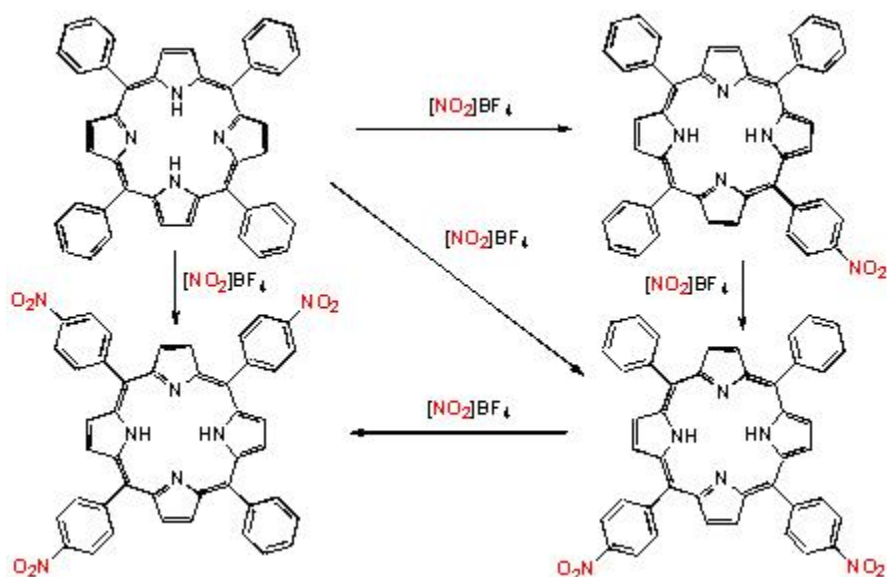
published Apr 12 2010;

2. Efficient nitration of *meso*-tetraphenylporphyrin with nitronium tetrafluoroborate (RB-4888RP)

Nicholas W. Smith and Sergei V. Dzyuba

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pp. 10 - 18



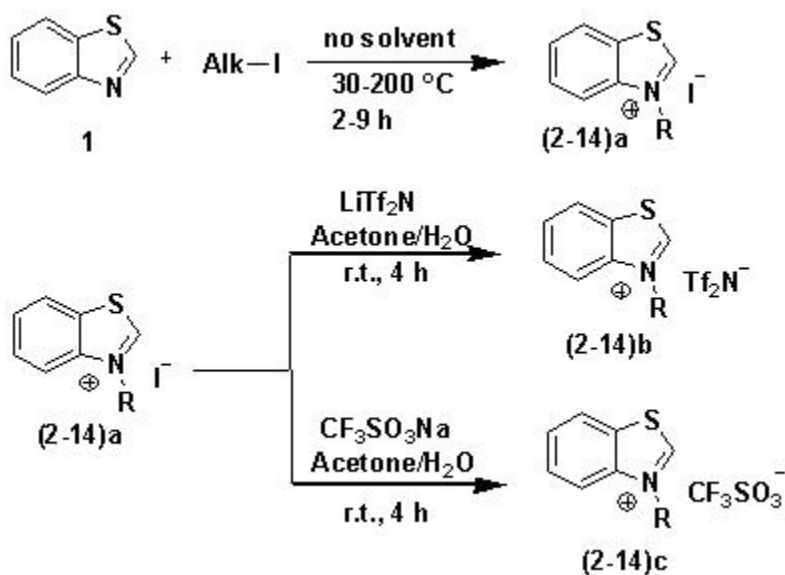
received Dec 17 2009; accepted Mar 12 2010; published Apr 19 2010;

3. Solvent-free synthesis of benzothiazole-based quaternary ammonium salts: precursors to ionic liquids (RB-4823RP)

Sohail Nadeem, Munawar A. Munawar, Saeed Ahmad, Marcin Smiglak, David M. Drab, Khizar I. Malik, Rana Amjad, Chaudhry M. Ashraf and Robin D. Rogers

Full Text: [PDF \(325K\)](#)

pp. 19 - 37



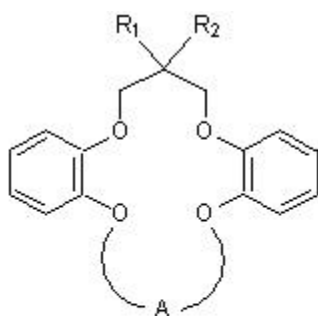
received Dec 3 2009; accepted Mar 12 2010; published Apr 20 2010;

4. Synthesis of geminal-substituted, sterically congested, proton-ionizable dibenzo-14-crown-4, dibenzo-16-crown-5, dibenzo-19-crown-6 and dibenzo-22-crown-7 lariat ethers (RB-4763RP)

Dongmei Zhang, Xiaodong Liu, Sharon L. Williams, Chunkyung Park and Richard A. Bartsch

Full Text: [PDF \(307K\)](#)

pp. 38 - 57



A = CH₂CH₂CH₂, CH₂OCH₂, (CH₂OCH₂)₂
 R₁ = C₄H₉, C₇H₁₅, C₁₀H₂₁
 R₂ = OCH₂COOH, OCH₂C(O)NHSO₂CF₃,
 O(CH₂)₃SO₃Na, OCH₂P(O)(OH)OC₂H₅

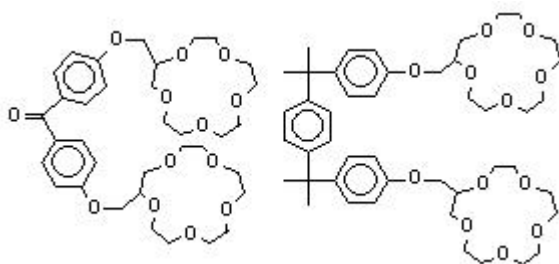
received Nov 19 2009; accepted Mar 12 2010; published Apr 20 2010;

5. New bis(15-crown-5) derivatives and their physicochemical properties (RB-4885RU)

Piotr Josef Kus

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pp. 58 - 64



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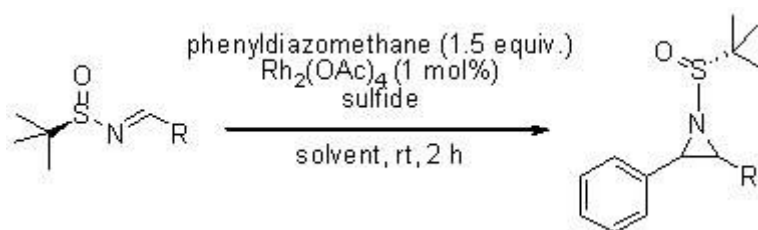
6. Asymmetric aziridination of *N*-*tert*-butanesulfinyl imines with phenyldiazomethane *via* sulfur ylides
(RB-4949RP)

Zheng Xue, Veronica M. Dee, Louisa J. Hope-Weeks, Bruce R. Whittlesey and Michael F. Mayer

Full Text: [PDF \(450K\)](#)

Supplementary Material: [PDF \(1,988K\)](#)

pp. 65 - 80



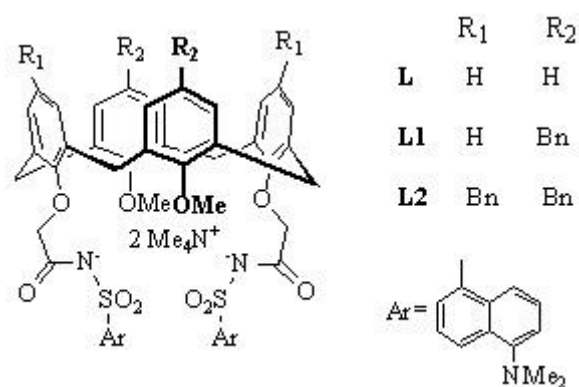
received Jan 4 2010; accepted Feb 18 2010; published Apr 20 2010;

7. Metal ion complexation in acetonitrile by upper-rim benzyl-substituted, di-ionized calix[4]arenes bearing two dansyl fluorophores (RB-5264RU)

Ümmühan Ocak, Mira Ocak, Xin Shen, Alexander H. Gorman, Kazimierz Surowiec and Richard A. Bartsch

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pp. 81 - 97



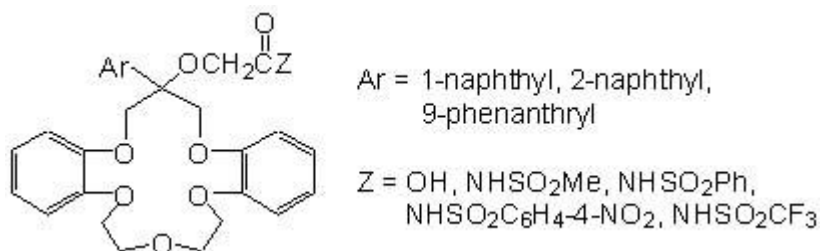
received Mar 29 2010; accepted Jun 5 2010; published Jul 9 2010;

8. Sterically congested, geminal aryl-substituted, proton-ionizable *sym*-dibenzo-16-crown-5 lariat ethers: synthesis and alkali metal cation extraction (RB-5067RP)

Chunqiao Tu, Youngchan Jang, Carrie L. Bates, Jerzy Gega, Kazimierz Surowiec and Richard A. Bartsch

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pp. 98 - 117



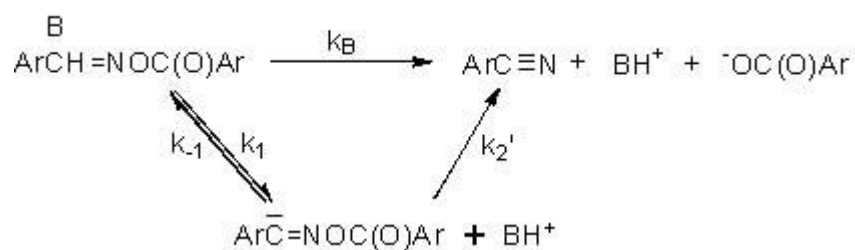
received Feb 4 2010; accepted Jun 2 2010; published Jul 9 2010;

9. Base-promoted elimination reactions of (*E*)- and (*Z*)-arylaldehyde *O*-benzoyloximes. Effects of stereochemistry, β-aryl group and base-solvent on the nitrile-forming transition states (RB-4931RU)

Sang Yong Pyun and Bong Rae Cho

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pp. 118 - 137



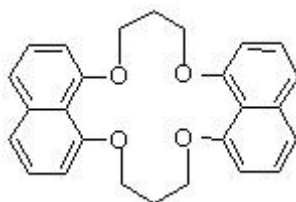
received Dec 29 2009; accepted Jun 3 2010; published Jul 15 2010;

10. Synthesis, structure and metal ion binding of di-(1,8-naphtho)-16-crown-4 compounds (RB-5270RU)

Lokman Torun, Peter Mueller, Xiaodan Cao and Richard A. Bartsch

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pp. 138 - 145



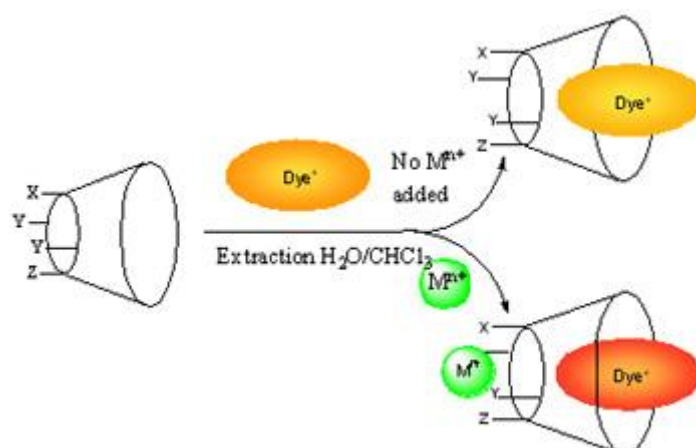
received Mar 31 2010; accepted Jun 20 2010; published Jul 16 2010;

11. Probing optical recognition of metal ions with employment of cationic dye-calix[4]arene supramolecular complexes (RB-5007RP)

Galina G. Talanova, Elena Yu. Vedernikova, Nicole M. Buie, Evan Staunton and Vladimir S. Talanov

Full Text: [PDF \(311K\)](#)

pp. 146 - 159



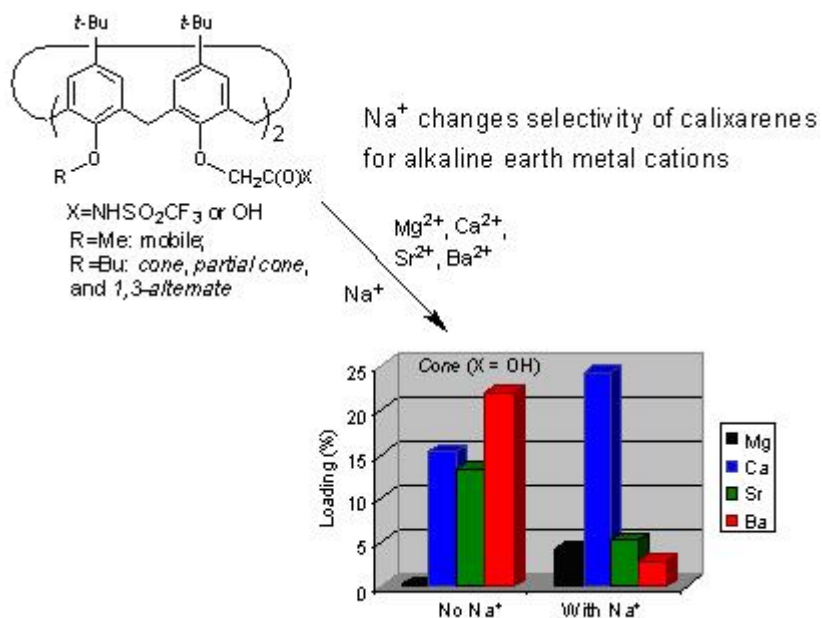
received Jan 18 2010; accepted Jun 20 2010; published Jul 30 2010;

12. Effect of Na⁺ on solvent extraction of alkaline earth metal cations by proton-ionizable calix[4]arenes (RB-4962RP)

Galina G. Talanova, Vladimir S. Talanov, Kazimierz Surowiec and Richard A. Bartsch

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pp. 160 - 169



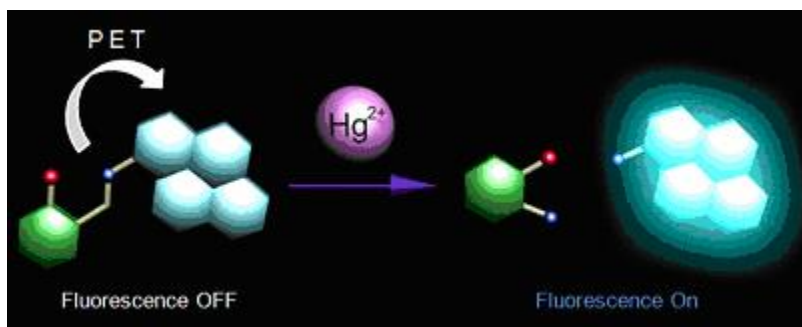
received Jan 8 2010; accepted Jun 24 2010; published Jul 30 2010;

13. Hg²⁺-induced hydrolysis-based selective fluorescent chemodosimeter (RB-4983RP)

Ja Hyung Kim, Hyun Jung Kim, Chang Wan Bae, Jun Won Park, Joung Hae Lee and Jong Seung Kim

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pp. 170 - 178



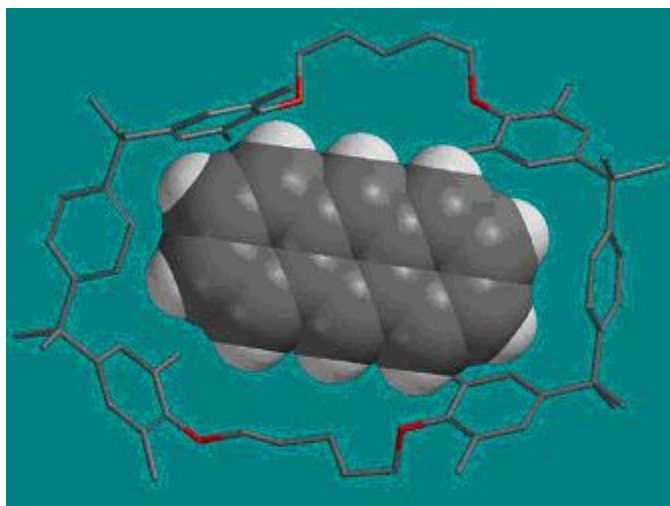
received Jan 11 2010; accepted Jul 25 2010; published Aug 9 2010;

14. Spectroscopic investigations of molecular association of cyclophanes with anthracene (RB-4935RP)

Kamia K. Smith, Amanda V. Iwunze, Kathryn A. Burke, Pillhun Son and M. Thandi Buthelezi

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pp. 179 - 190



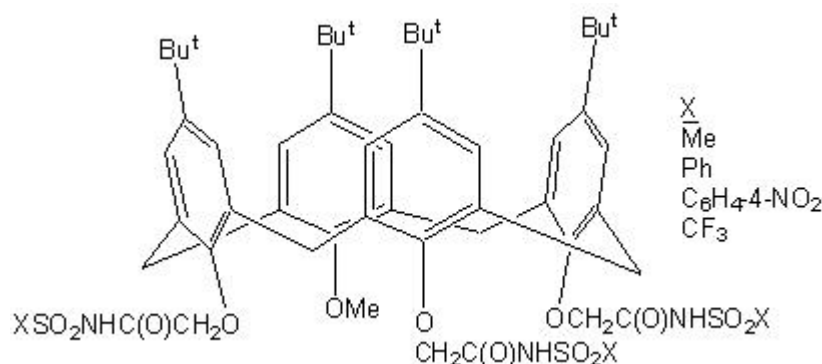
received Dec 30 2009; accepted Aug 8 2010; published Aug 16 2010;

15. Tri-ionizable calix[4]arene ligands: synthesis and lanthanide ion complexation (RB-5132RP)

Fernando A. Fernandez, Richard A. Bartsch, Françoise Arnaud-Neu, Véronique Hubscher-Bruder and Sylvie Michel

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pp. 191 - 202



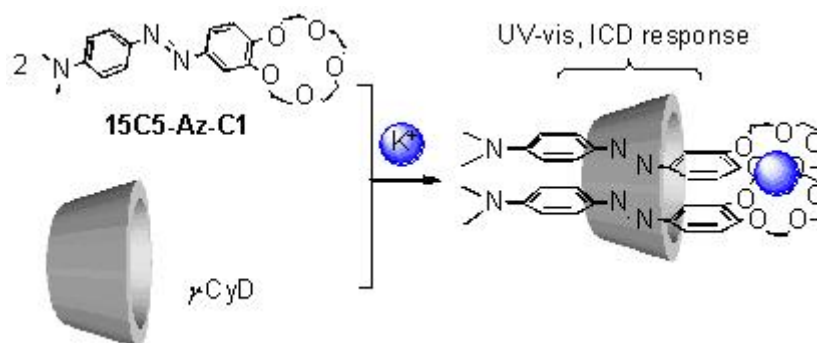
received Feb 23 2010; accepted Jun 24 2010; published Aug 16 2010;

16. Design of benzo-15-crown-5 azoprobe/ γ -cyclodextrin complexes for alkali metal ion recognition in water (RB-4919RP)

Takashi Hayashita, Dai Fujita, Takeshi Hashimoto, Akira Endo, Hui Zhao, Kayo Odagiri, Shu Takahashi, Murad M. Mohamad and Norio Teramae

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pp. 203 - 216



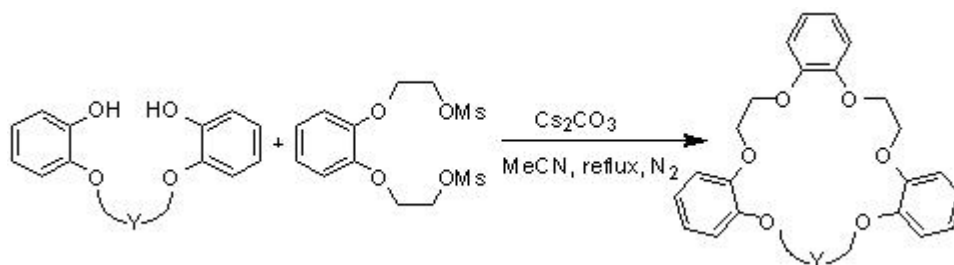
received Dec 25 2009; accepted Jun 27 2010; published Aug 25 2010;

17. Polybenzocrown ethers: synthesis by cesium-assisted cyclization and solid-state structures (RB-5301RP)

Robert E. Hanes, Jr., Edward C. Ellingsworth, Scott T. Griffin, Robin D. Rogers and Richard A. Bartsch

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pp. 217 - 237



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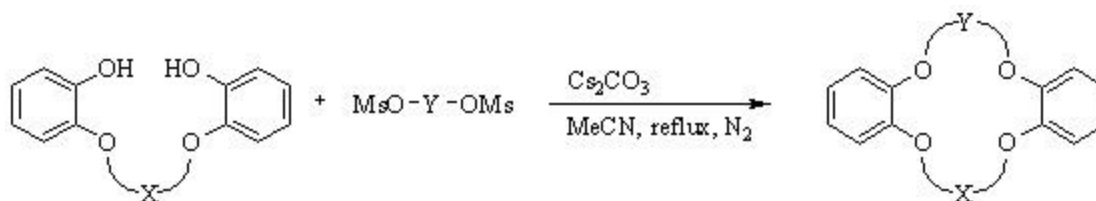
18. Preparation of benzo- and polybenzocrown ethers by macrocyclization reactions (RB-5303RP)

Robert E. Hanes, Jr., Jong Chan Lee, Sheryl N. Ivy, Anna Palka and Richard A. Bartsch

Full Text: [PDF \(136K\)](#)

Supplementary Material: [PDF \(86K\)](#)

pp. 238 - 248



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