

ARKIVOC Volume 2003

Part (xiv): Commemorative Issue in Honor of Prof. Branko Stanovnik on the occasion of his 65th anniversary

Facilitator: Jurij Svete

Scientific Editor: Mikael Begtrup

**1. A Tribute to Prof. Branko Stanovnik (BS-480AT)**

*Jurij Svete*

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**pp. 1 - 7**

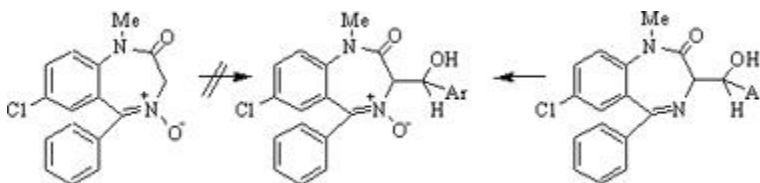
accepted Apr 7 2003; published Apr 8 2003;

**2. Aldol derivatives of 5-phenyl-1,4-benzodiazepin-2-on-*N*<sup>4</sup>-oxide; intriguing inertness of *N*-oxides in aldol reactions (BS-681AP)**

*Dragan Ašepac, Zdenko HamerAšak and Vitomir Ašunjić*

Full Text: [PDF \(237K\)](#)

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received Feb 7 2003; accepted Mar 20 2003; published Apr 15 2003;

**3. Dioxirane oxidation of sulfur-containing organic compounds (BS-756AR)**

*Albert Levai*

Full Text: [PDF \(204K\)](#)

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# A review with 88 references

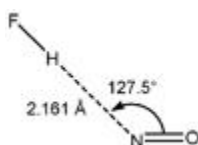
received May 6 2003; accepted Jun 30 2003; published Jul 5 2003;

**4. Hydrogen bond acceptor properties of two radicals: nitric oxide molecule and hydrogen atom (BS-774AP)**

*Ibon Alkorta and JosÃ© Elguero*

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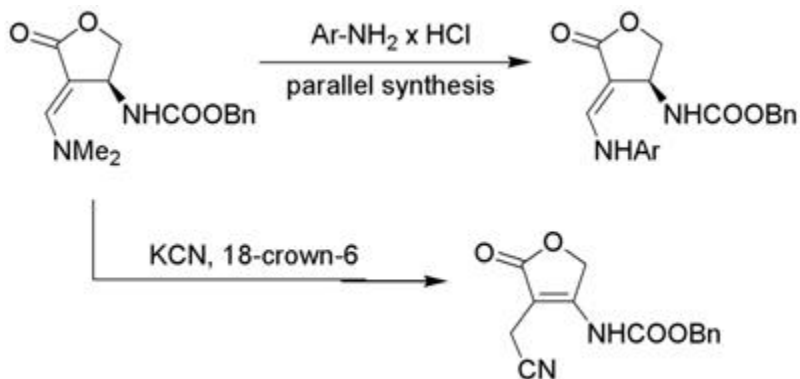
received May 28 2003; accepted Sep 12 2003; published Sep 18 2003;

**5. Parallel solution phase synthesis of benzyl (3S,4E)-4-[(arylamino)methylidene]-5-oxotetrahydrofuran-3-ylcarbamates (BS-806AP)**

*Samo Pirc, David Bevk, Simona Golic Grdadolnik and Jurij Svete*

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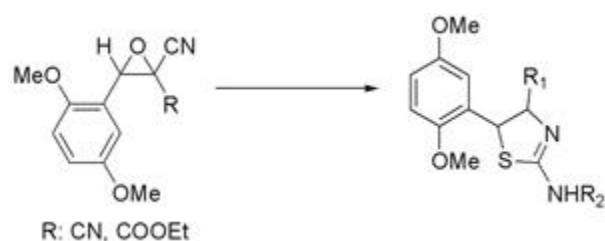
received Jun 13 2003; accepted Sep 18 2003; published Sep 19 2003;

**6. 2-Oxiranecarbonitriles in the synthesis of linked quinono heterocyclic derivatives (BS-862AP)**

*Julija Volmajer, Renata Toplak, Shmuel Bittner and Alenka Majcen Le Marechal*

Full Text: [PDF \(229K\)](#)

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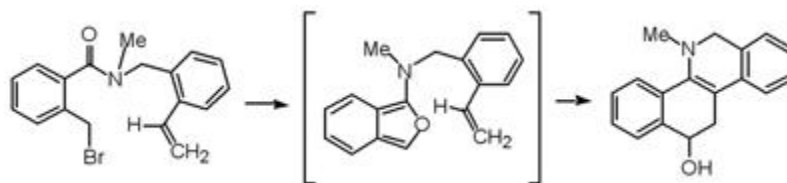
received Aug 8 2003; accepted Sep 18 2003; published Sep 22 2003;

### 7. Preparation and cycloaddition chemistry of 1-amino substituted isobenzofurans (BS-796AP)

*Albert Padwa and Cheryl K. Eidell*

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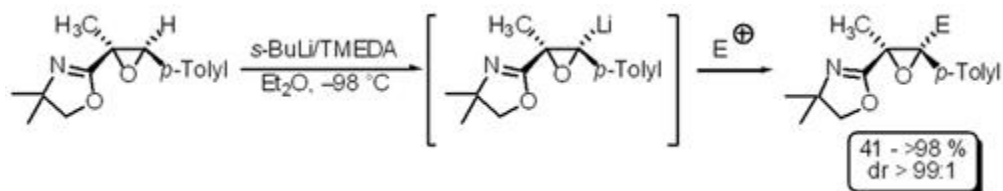
received Jun 4 2003; accepted Sep 17 2003; published Sep 23 2003;

### 8. $\beta$ -Lithiation of oxazolinylloxiranes: synthetic utility (BS-825AP)

*Vito Capriati, Raffaele Favia, Saverio Florio and Renzo Luisi*

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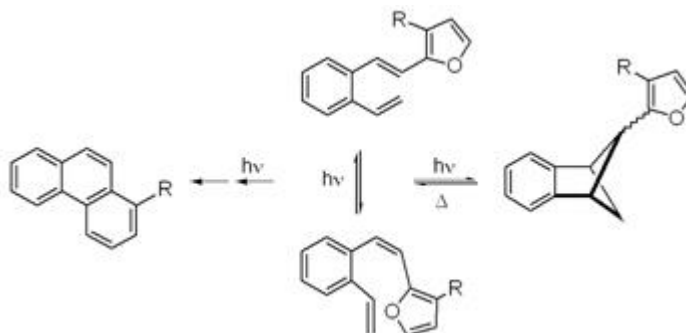


received Jul 3 2003; accepted Sep 18 2003; published Sep 23 2003;

### 9. Synthesis and photochemistry of $\beta$ -(3-substituted-2-furyl)- $\alpha$ -divinylbenzenes; [2+2] and [4+2] intramolecular cycloadditions (BS-847AP)

*I. Aškorić, A. Hutinec, A. Ž. Marinic and M. Ašindler-Kulyk*

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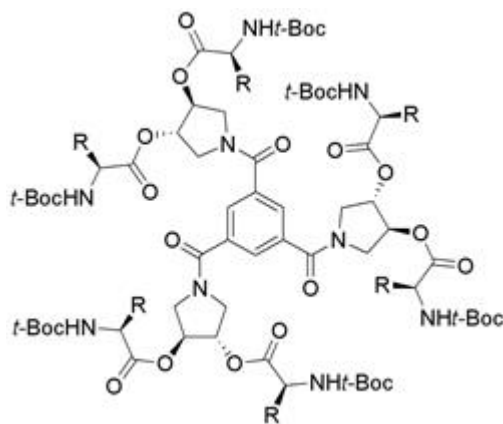
received Jul 26 2003; accepted Sep 23 2003; published Sep 25 2003;

### 10. A new 3,4-dihydropyrrolidine-based material for molecular recognition (BS-858AP)

*Stefano Cicchi, Valentina Paschetta and Alberto Brandi*

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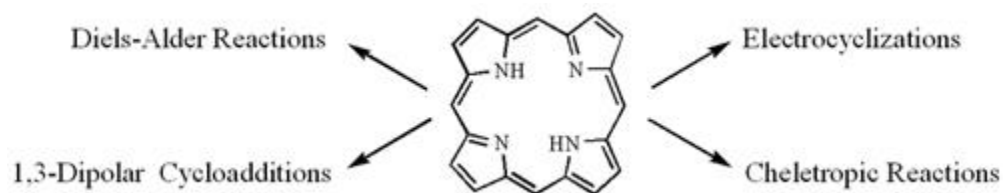
received Aug 5 2003; accepted Oct 1 2003; published Oct 17 2003;

### 11. Cycloaddition reactions of porphyrins (BS-880AP)

*Josã© A. S. Cavaleiro, Maria G. P. M. S. Neves and Augusto C. Tomã©*

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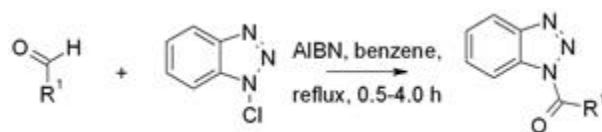
received Aug 27 2003; accepted Oct 12 2003; published Oct 17 2003;

## 12. The preparation of *N*-acylbenzotriazoles from aldehydes (BS-878AP)

*Alan R. Katritzky, Anatoliy V. Vakulenko and Ritu Jain*

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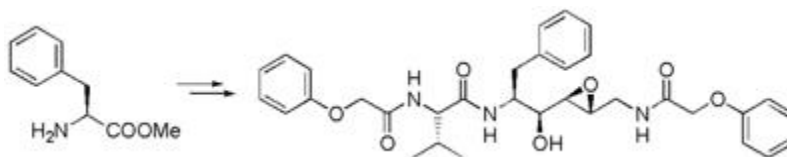
received Aug 27 2003; accepted Oct 23 2003; published Oct 30 2003;

## 13. Design, synthesis and preliminary evaluation of peptidomimetic inhibitors of HIV aspartic protease with an epoxyalcohol core (BS-891AP)

*Fabio Benedetti, Federico Berti, Stanislav Miertus, Domenico Romeo, Francesca Schillani and Alessandro Tossi*

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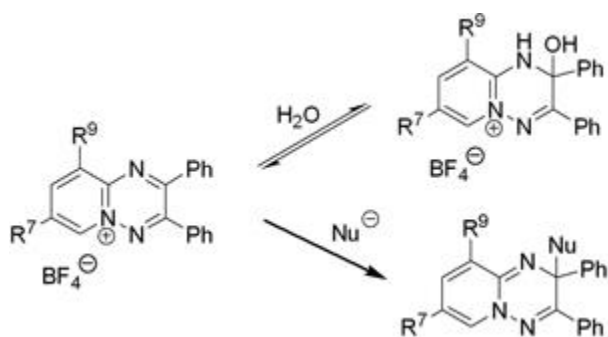
received Aug 31 2003; accepted Oct 31 2003; published Nov 23 2003;

## 14. Synthesis of new stable pseudobases (BS-886AP)

*Zsuzsanna Riedl, György Hajós, András Messmer and Orsolya Egyed*

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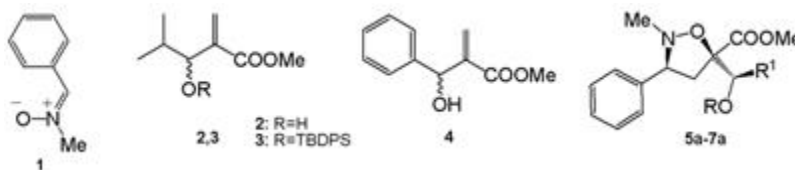
received Aug 29 2003; accepted Nov 11 2003; published Nov 26 2003;

### 15. Diastereoselectivity of nitron 1,3-dipolar cycloaddition to Baylis-Hillman adducts (BS-877AP)

*Branislav Dugovič, Lubor Fišera, Christian Hametner and Nada Práznayová*

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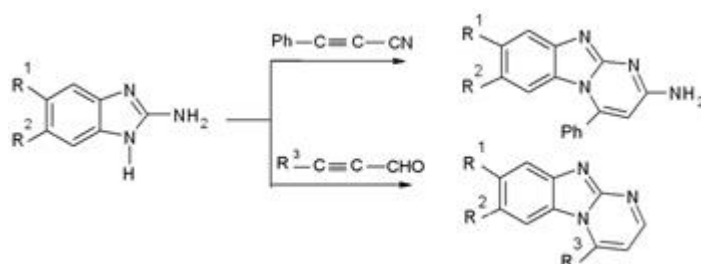
received Aug 27 2003; accepted Dec 4 2003; published Dec 15 2003;

### 16. Heterocycles of biological importance: Part 6. The formation of novel biologically active pyrimido[1,2-a]benzimidazoles from electron deficient alkynes and 2-aminobenzimidazoles (BS-920AP)

*Helene Wahe, Peter F. Asobo, Rafael A. Cherkasov, Augustin E. Nkengfack, Gabriel N. Folefoc, Zacharias T. Fomum and Dietrich Doepf*

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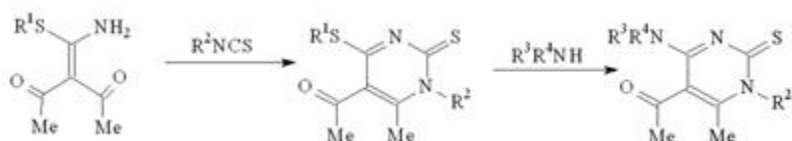
received Sep 11 2003; accepted Dec 4 2003; published Dec 29 2003;

**17. Diacetylketene N,S-acetals in synthesis of new functionalized 2(1H)-pyrimidinethiones (BS-843AP)**

Vladimir Dorokhov, Alexander Komkov and Sergey Baranin

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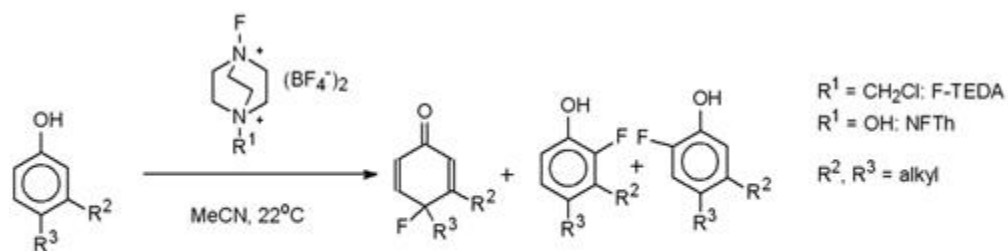
received Jul 25 2003; accepted Dec 15 2003; published Dec 29 2003;

**18. Regioselectivity and kinetics of fluorination of alkyl substituted phenols by N-fluoro-1,4-diazoniabicyclo[2.2.2]octane salt analogues (BS-834AP)**

Marjan Jereb, Marko Zupan and Stojan Stavber

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$$d[F-TEDA]/dt = k_2[F-TEDA]x[phenol]$$

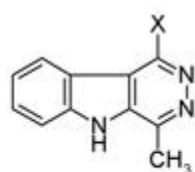
received Jul 17 2003; accepted Jan 9 2004; published Jan 22 2004;

**19. Synthesis of 3-azaharman and other new azacarbolines of the pyridazino[4,5-b]indole type (BS-849AP)**

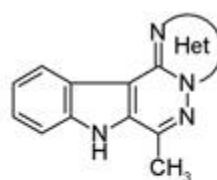
Hussein El-Kashef, Abdelrahman A. H. Farghaly, Stephan Floriani and Norbert Haider

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X = Cl, H, SH,  
alkylsulfanyl,  
alkylamino



Het = imidazoline,  
tetrazole

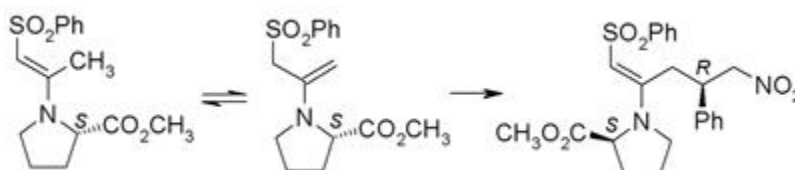
received Jul 29 2003; accepted Jan 12 2004; published Jan 22 2004;

## 20. Structure and nucleophilic behaviour of secondary and tertiary linear enaminesulfones (BS-929AP)

*Cristina Forzato, Fulvia Felluga, Valentina Gombac, Patrizia Nitti, Giuliana Pitacco and Ennio Valentin*

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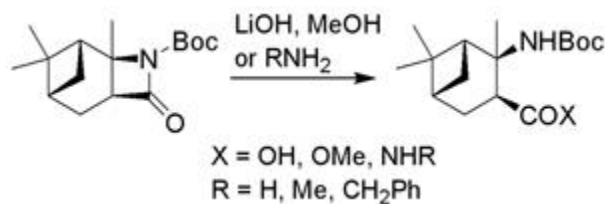
received Sep 29 2003; accepted Jan 8 2004; published Jan 22 2004;

## 21. Mild and efficient ring opening of monoterpene-fused $\beta$ -lactam enantiomers. Synthesis of novel $\beta$ -amino acid derivatives (BS-836AP)

*Zsolt Szakonyi and Ferenc Fülöp*

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received Jul 17 2003; accepted Jan 20 2004; published Jan 31 2004;

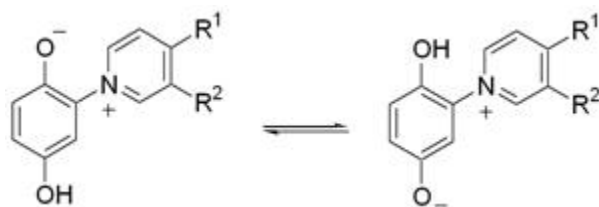
## 22. Conjugated, cross-conjugated, and pseudo-cross-conjugated derivatives of a pyridinium alkaloid from *Punica granatum* (BS-931AP)

*Andreas Schmidt and Thorsten Mordhorst*



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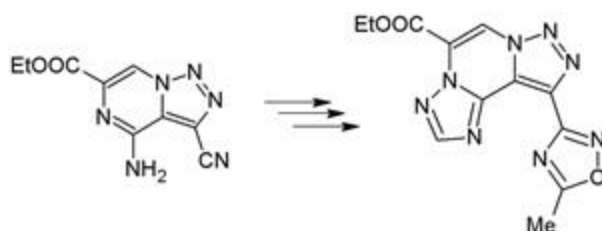
received Sep 30 2003; accepted Jan 15 2004; published Jan 31 2004;

### 23. Synthesis of [1,2,3]triazolo[1,5-a][1,2,4]triazolo[5,1-c]pyrazines (BS-932AP)

*Tomaz Trcek and Bojan Vercek*

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received Sep 30 2003; accepted Jan 15 2004; published Jan 31 2004;