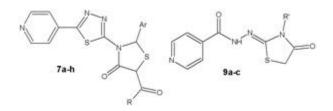
## ARKIVOC Volume 2006 Part (i): General Papers

**1.** Synthesis of various isoniazidothiazolidinones and their imidoxy derivatives of potential biological interest (06-1648JP)

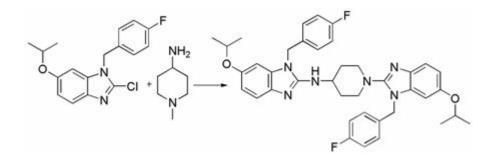
Ranjana Sharma, Devendra P. Nagda and Ganpat L. Talesara Full Text: PDF (195K)

pp. 1 - 12



received Aug 22 2005; accepted Oct 3 2005; published Oct 10 2005;

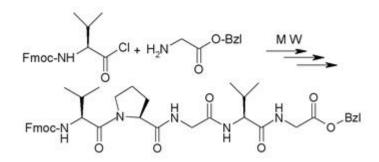
2. Unusual synthesis of 1-(4-fluorobenzyl)-*N*-(1-(1-(4-fluorobenzyl)-6-isopropoxy-1*H*-benzo[*d*]imidazol-2-yl)piperidin-4-yl)-6-isopropoxy-1*H*-benzo[*d*]imidazol-2-amine (06-1671EP) *Amitabh Jha* Full Text: PDF (136K) pp. 13 - 20



received Sep 12 2005; accepted Oct 11 2005; published Oct 13 2005;

3. Rapid and efficient synthesis of the penta-peptide of elastin protein and peptides containing highly hindered  $\alpha$ , $\alpha$ -dialkyl amino acids employing Fmoc-amino acid chlorides under microwave irradiation in solution phase (06-1576BP)

Subramanyam J. Tantry, R. V. Ramana Rao and V. V. Suresh Babu Full Text: PDF (216K) **pp. 21 - 30** 

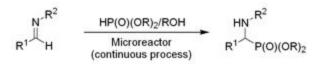


received Jun 28 2005; accepted Oct 11 2005; published Oct 13 2005;

**4.** Straightforward continuous synthesis of α-aminophosphonates under microreactor conditions (06-1604AP)

Ellen Van Meenen, Kristof Moonen, Davy Acke, Christian V. Stevens Full Text: PDF (230K)

pp. 31 - 45



received Jul 14 2005; accepted Oct 17 2005; published Oct 19 2005;

## **5.** Solvent-free synthesis of a series of differently *N*-substituted 4-amino-2-methylquinazolines under microwave irradiation (06-1654AP)

Vanya B. Kurteva, Vessela N. Zlatanova and Vladimir D. Dimitrov Full Text: PDF (182K)

pp. 46 - 56



received Aug 24 2005; accepted Oct 17 2005; published Oct 19 2005;

**6.** *N*-Arylhexahydropyrimidines. Electron impact mass spectrometry. (06-1661HP) *M. Beatriz GarcÃa, Isabel A. Perillo and Liliana R. Orelli* 

Full Text: PDF (75K) pp. 57 - 67

R3

 $\begin{array}{c} \mathbf{R}_1 = \mathbf{C}_6 \mathbf{H}_5, \, p\text{-}\mathbf{ClC}_6 \mathbf{H}_4 \\ \mathbf{R}_2 = \mathbf{H}, \, p\text{-}\mathbf{NO}_2 \mathbf{C}_6 \mathbf{H}_4 \\ \mathbf{R}_3 = \mathbf{CH}_3, \, \mathbf{C}_2 \mathbf{H}_5, \, \mathbf{C}_3 \mathbf{H}_5, \, \mathbf{CH}(\mathbf{CH}_3)_2, \\ \mathbf{C}(\mathbf{CH}_3)_3, \, \mathbf{CH}_2 \mathbf{C}(\mathbf{CH}_3)_3, \, \mathbf{C}_6 \mathbf{H}_5, \, p\text{-}\mathbf{ClC}_6 \mathbf{H}_4 \end{array}$ 

received Aug 31 2005; accepted Oct 26 2005; published Oct 27 2005;

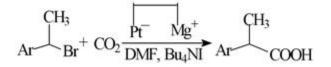
**7.** Analogs of biologically active compounds VIII. Synthesis of some derivatives of 6-azalumazine (06-1616HP)

Jakub Stýskala, Jan Slouka and Vlasta ŠvecovÃj Full Text: PDF (161K) pp. 68 - 75

 $\stackrel{HN}{\xrightarrow{}}_{COOC_2H_5} \xrightarrow{}_{O} \xrightarrow{N}_{N} \xrightarrow{N}_{V} \xrightarrow{N}_{$ 

received Jul 27 2005; accepted Oct 26 2005; published Oct 27 2005;

8. Synthesis of aryl-2-propionic acids by electrocarboxylation of methyl aryl bromides (06-1663JP)
Rudraraju Ramesh Raju, Shaik Khaja Lateef, Srinivasulu Reddy Krishna Mohan and Srinivasulu Reddy
Jayarama Reddy
Full Text: PDF (95K)
pp. 76 - 80

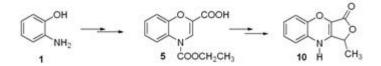


received Sep 1 2005; accepted Oct 26 2005; published Oct 27 2005;

**9.** Novel concise synthesis of furo[3,4-*b*][1,4]benzoxazine as intermediate in the preparation of antineoplastic agents (06-1684CP)

Isabel SÃinchez, Nancy LÃ<sup>3</sup>pez and Maria Dolors Pujol Full Text: PDF (94K)

pp. 81 - 88

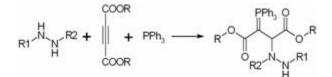


received Sep 30 2005; accepted Oct 26 2005; published Oct 27 2005;

**10.** A facile one-pot method for preparation of succinic esters containing several functional groups (06-1670DP)

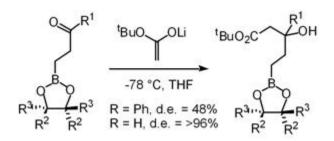
Zahra Hassani, Mohammad Reza Islami, Hassan Sheibani, Maryam Kalantari and Kazem Saidi Full Text: PDF (213K)

pp. 89 - 94



received Sep 12 2005; accepted Oct 26 2005; published Nov 2 2006;

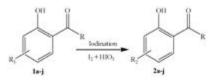
**11.** A stereoselective remote homochiral boronate ester-mediated aldol reaction (06-1537KP) *Richard J. Mears, Helen E Sailes, John P. Watts and Andrew Whiting*Full Text: PDF (68K) **pp. 95 - 103**



received May 17 2005; accepted Nov 2 2005; published Nov 5 2005;

**12. Regioselective iodination of hydroxylated aromatic ketones** (06-1607JP) Bhagwan R. Patil, Sudhakar R. Bhusare, Rajendra P. Pawar and Yeshwant B. Vibhute Full Text: PDF (112K)

pp. 104 - 108



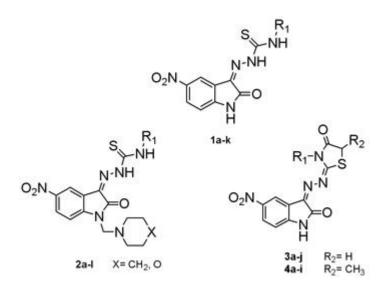
received Jul 17 2005; accepted Nov 3 2005; published Nov 5 2005;

**13. Synthesis and primary antiviral activity evaluation of 3-hydrazono-5-nitro-2-indolinone derivatives** (06-1666BP)

Nalan Terzioglu, Nilgün Karali , Aysel Gürsoy, Christophe Pannecouque, Pieter Leysen, Jan Paeshuyse, Johan Neyts, Erik De Clercq

Full Text: PDF (204K)

pp. 109 - 118



received Sep 6 2005; accepted Nov 3 2005; published Nov 5 2005;

**14.** Tetrabutylammonium tribromide mediated condensation of carboxylic acids with alcohol (06-1689DP)

Sarala Naik, Veerababurao Kavala, Rangam Gopinath and Bhisma K. Patel Full Text: PDF (157K)

pp. 119 - 127

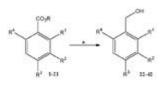
RCH2OH + R'COOH TBATB/ reflux RCH2OCOR'

R = primary, secondary, aliphatic, aromatic R'=acetic, propionic, isobutyric and pivalic

received Oct 10 2005; accepted Nov 3 2005; published Nov 6 2005;

## **15.** Simple reduction of ethyl, isopropyl and benzyl aromatic esters to alcohols using sodium borohydride-methanol system (06-1523AP)

Jorge C. S. da Costa, Karla C. Pais, Elisa L. Fernandes, Pedro S. M. de Oliveira, Jorge S. Mendonça, Marcus V. N. de Souza, Mônica A. Peralta, Thatyana R. A Vasconcelos Full Text: PDF (43K) **pp. 128 - 133** 



a = NaBH\_{\oplus} (6.0 eq.), MeCH (8mL), THF, 70°C

received Apr 27 2005; accepted Nov 3 2005; published Nov 6 2005;