

CURRICULUM VITAE

I. Personal data

1. Social Status

<i>Name</i>	DARABANTU Mircea
<i>Date of Birth</i>	June 6 th , 1955, Cluj-Napoca
<i>Marital Status</i>	married, one daughter (Diana Adina , born 1980)
<i>Name of Spouse</i>	Valentina
<i>Basic Occupation</i>	chemical engineer
<i>Permanent Address</i>	21 December 1989 Boulev., No. 135, Block M-3, sc. III, et.2 ap. 70, 400604 Cluj-Napoca, ROMANIA tel. +40-264-413-461; mobile +40722243949 E-mail: darab@chem.ubbcluj.ro ; mircea_darabantu@hotmail.com Website: http://www.chem.ubbcluj.ro/~darab
<i>Permanent Employment and Position</i>	University <i>Babes-Bolyai</i> Cluj-Napoca, Faculty of Chemistry and Chemical Engineering, Department of Chemistry, 11 Aranyi Janos str. 400028 Cluj-Napoca, ROMANIA; tel. +40-264-59-38-33; fax: +40-264-59-08-18, Full time Professor
<i>Foreign Languages</i>	English and French (spoken and written, fluently)

2. Graduation Degrees

High School	1974, <i>George Baritiu</i> High-School, Cluj-Napoca, ROMANIA
University	July, 1979, Polytechnic Institute <i>Traian Vuia</i> Timisoara, ROMANIA, Faculty of Chemical Technology; title of dissertation: <i>Phenolic Esters of γ-Phenoxybutyric Acids Exhibiting Nematic Properties</i> . Supervisor: Prof. Radu BACALOGLU

3. Ph. D. in Chemistry

July, 1994. Title of Final Defence	<i>Five- and Six-Membered Saturated Heterocycles (1,3- Oxazolidines and 1,3-Dioxanes) as Derivatives or Precursors of Threo-p-nitrophenylserinol</i> . Supervisor: Prof. Sorin MAGER
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4. Habilitation à Diriger des Recherches (H.D.R.)	June 10 th 2005, University of Rouen (France)
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II. Employment background

1979 - 1982	<i>Chemical Engineer</i> on probation at TERAPIA S. A., Cluj-Napoca, ROMANIA, in fine organic technology of drugs
1982 - 1983	<i>full time Chemical Engineer, idem</i>
1983 - 1984	<i>Chemical Engineer</i> at <i>Chemical Pharmaceutical Research Institute</i> Bucharest, Centre, Cluj-Napoca, ROMANIA

1984 - 1990	<i>Scientist, idem</i>
1990 - 1997	<i>full time Lecturer at University Babes-Bolyai Cluj-Napoca, Faculty of Chemistry and Chemical Engineering, Department of Chemistry</i>
1997 - 2002	<i>Assist. Prof., idem</i>
2002 - Present	<i>full time Professor, idem</i>

III. Teaching background

1981 - 1982	<i>Assoc. Assistant, University Babes-Bolyai Cluj-Napoca, Faculty of Chemistry and Chemical Engineering, Department of Engineering, for Transfer Phenomena and Equipment in Chemical Engineering</i>
1982 - 1983	<i>Idem</i>
1986 - 1987	<i>Assoc. Lecturer, University Babes-Bolyai Cluj-Napoca, Faculty of Chemistry and Chemical Engineering, Department of Organic Chemistry for Chemistry and Technology of Pesticides</i>
1989 - 1990	<i>idem for Chemistry and Technology of Aromatic Intermediates and Organic Dyes</i>
1990 - 1997	<i>full time Lecturer for Chemistry and Technology of Aromatic Intermediates and Organic Dyes and Stereochemistry</i>
1997 - 2002	<i>Assist. Prof. for Organic Chemistry, Fine Organic and Asymmetric Synthesis, Reaction Mechanism in Organic Chemistry</i>
2002- present	<i>full time Professor for NMR in Organic Chemistry (Doctoral School), Special Topics in Heterocyclic Chemistry (Master), Asymmetric Synthesis (Master), Organic Chemistry (Bachelor).</i>

IV. Stages abroad

1. Research Stages

1994 May - June	<i>Université de Rouen, Faculté des Sciences et des Techniques de Rouen, 76821 Mont Saint-Aignan, France (Prof. P. Duhammel).</i>
1997 August - September	<i>Université de Rouen, I.R.C.O.F. (Institut de Recherche en Chimie Organique Fine), Laboratoire de Fonctions Azotées et Oxygénées Complexes (L.F.A.O.C.), 76821 Mont Saint-Aignan, France (Prof. G. Plé).</i>
1999 May - June	<i>Université de Rouen, I.R.C.O.F. (Institut de Recherche en Chimie Organique Fine), Laboratoire de Fonctions Azotées et Oxygénées Complexes (L.F.A.O.C.), 76821 Mont Saint-Aignan, France (Prof. G. Plé).</i>

2. Post - Doctoral Fellowships

September 1996 - August 1997	<i>Florida Centre for Heterocyclic Compounds, University of Florida, Department of Chemistry, 32611-FL USA (Prof. A. R. Katritzky).</i>
October 1999 - March 2000	<i>Université de Caen, Institut de la Matière et du Rayonnement (I.S.M.R.A), Laboratoire de Chimie Moléculaire et Thio-organique (L.C.M.T.) UMR CNRS 6507, 14050 Caen, France (Prof. J. C. Pommelet).</i>

2000 April - September *Université de Caen, Institut de la Matière et du Rayonnement (I.S.M.R.A), Laboratoire de Chimie Moléculaire et Thio-organique (L.C.M.T.) UMR CNRS 6507, 14050 Caen, France (Prof. M. C. Lasne).*

3. Invited

2001 March - May *Maître de Conférences Invité, Université de Rouen, Institut Universitaire et Technologie (I.U.T) de Rouen, Département de Chimie and Institut de Recherche en Chimie Organique Fine (I.R.C.O.F.), Laboratoire de Chimie Organique Fine et Hétérocyclique (L.C.O.F.H.), 76131 Mont Saint-Aignan, France (Prof. Nelly Plé).*

2002 January - June *Chercheur Invité from C.N.R.S. (Conseil National de la Recherche Scientifique) at Université de Rouen, Institut de Recherche en Chimie Organique Fine (I.R.C.O.F.), Laboratoire de Chimie Organique Fine et Hétérocyclique (L.C.O.F.H.), 76131 Mont Saint-Aignan, France (Prof. Nelly Plé).*

2003 February - May *Professeur Associé at Université de Rouen, Institut Universitaire et Technologie (I.U.T.) Département de Chimie and Institut de Recherche en Chimie Organique Fine (I.R.C.O.F.), Laboratoire de Chimie Organique Fine et Hétérocyclique (L.C.O.F.H.), 76131 Mont Saint-Aignan, France (Prof. Nelly Plé).*

2004 April - June *Professeur Associé at Université de Rouen, Institut Universitaire et Technologie (I.U.T.) Département de Chimie and Institut de Recherche en Chimie Organique Fine (I.R.C.O.F.), Laboratoire de Chimie Organique Fine et Hétérocyclique (L.C.O.F.H.), 76131 Mont Saint-Aignan, France (Prof. M. Ketata).*

2005 January - June *Professeur Associé at Université de Rouen, Institut Universitaire et Technologie (I.U.T.) Département de Chimie and Institut de Recherche en Chimie Organique Fine (I.R.C.O.F.), Laboratoire de Chimie Organique Fine et Hétérocyclique (L.C.O.F.H.), 76131 Mont Saint-Aignan, France (Prof. Nelly Plé).*

2006 January - June *Professeur Associé at Université de Rouen, Institut Universitaire et Technologie (I.U.T.) Département de Chimie and Institut de Recherche en Chimie Organique Fine (I.R.C.O.F.), Laboratoire de Chimie Organique Fine et Hétérocyclique (L.C.O.F.H.), 76131 Mont Saint-Aignan, France (Prof. Nelly Plé).*

2007 May - June *Professeur Associé at Université de Rouen, Institut Universitaire et Technologie (I.U.T.) Département de Chimie and Institut de Recherche en Chimie Organique Fine (I.R.C.O.F.), Laboratoire de Chimie Organique Fine et Hétérocyclique (L.C.O.F.H.), 76131 Mont Saint-Aignan, France (Prof. Nelly Plé).*

2008 May *Professeur Invité at Université de Limoges, Laboratoire de Chimie des Substances Naturelles (L.C.S.N.), 87060 Limoges, France (Prof. Pierre Krausz).*

4. Awards

University *Babes-Bolyai* of Romania Best Scientific Book in School Year 1999 – 2000: “Analyse structurale par NMR des composés organiques” G. Plé, I. Grosu, S. Mager and **M. Darabantu, 1999, Publication de l'Université de Rouen, ISBN: 2-87775-244-5**

Ministry of National Education of French Republic *Chevalier de l'Ordre des Palmes Académiques, April 19th, 2002*

University *Babes-Bolyai* of Romania *Professor of the year 2008*

Editorial Board Member	<p><i>Green and Sustainable Chemistry</i>; www.scirp.org/journal/gsc <i>International Journal of Organic Chemistry</i> www.scirp.org/journal/ijoc/ <i>International Journal of Advanced Chemistry</i> www.sciencepubco.com/index.php/IJAC</p>
Reviewer for	<p><i>Arabian Journal of Chemistry</i> <i>Current Organic Synthesis</i> <i>Expert Opinion in Drug Discovery</i> <i>Green and Sustainable Chemistry</i> <i>Heterocyclic Communications</i> <i>International Journal of Organic Chemistry</i> <i>Journal of Molecular Structure</i> <i>Journal of the Serbian Chemical Society</i> <i>Journal of Molecular Catalysis B: Enzymatic</i> <i>Letters in Drug Design & Discovery</i> <i>Letters in Organic Chemistry</i> <i>Stud. U. Babeş-Bolyai. Chem.</i> <i>Tetrahedron Letters</i> <i>Tetrahedron</i> <i>The Journal of Organic Chemistry</i></p>
Evaluator for	<p>U.E.F.I.S.C.D.I. (Unitatea Executiva pentru Finantarea Invatamantului Superior, a Cercetarii, Dezvoltarii si Inovarii) Romania A.N.R. (<i>Agence Nationale de la Recherche</i>), France</p>

V. Scientific Background

1. Books

In Romania:

1. *"Analysis by NMR of Stereochemistry of Organic Compounds"*
I. Grosu, S. Mager, G. Plé and **M. Darabantu**
1996, University Press Publishing House Cluj-Napoca, **ISBN: 973-9261-04-3**
2. *"Chemistry and Technology of Aromatic Intermediates"*
M. Darabantu* and C. Puscas
1996, University Press Publishing House Cluj-Napoca, **ISBN: 973-9261-08-6**

Abroad:

1. *"Analyse structurale par NMR des composés organiques"*
G. Plé, I. Grosu, S. Mager and **M. Darabantu**
1999, Publication de l'Université de Rouen, **ISBN: 2-87775-244-5**

2. Publications quoted I.S.I.

2.1. Abroad

1. *"Design, Synthesis and Structure of Novel G-2 Melamine-based Dendrimers Incorporating 4-(n-Octyloxy)aniline as a Peripheral Unit"*
C. Morar, P. Lameiras, A. Bende, G. Katona, E. Gál and **M. Darabantu***
Beilstein J. Org. Chem. **2018**, *14*, 1704–1722
2. *"Novel Metal Modified Diatomite, Zeolite and Carbon Xerogel as Catalysts for Catalytic Wet Air Oxidation of Phenol: Characterization, Oxidation Efficiency and Reaction Pathway"*
R. Pleşa-Chicinas, E. Gal, H. Bedeleian, **M. Darabantu*** and A. Maicaneanu*
Sep. Purif. Technol. **2018**, *197*, 36–46
3. *"New p-Aminophenol Based Dendritic Melamines. Iterative Synthesis, Structure and Electrochemical Characterisation"*

C. Morar, G. Turdean, A. Bende, P. Lameiras, C. Antheaume, L. M. Muresan* and **M Darabantu***
C. R. Chimie **2017**, 20(4) 402-414

4. "Novel *N*-modified Glycines Based on a (1*S*,2*S*)-2-amino-1-(4-nitrophenyl)propane-1,3-diol Skeleton: 1,3-Dioxanes and Tripodands"

O. Moldovan, K. Albert, I. Nagy, C. Morar, C. Sacalis and **M. Darabantu***
Tetrahedron Lett. **2016**, 57(51), 5808-5811

5. "Glassy Carbon Electrode Modified with Hemin and New Melamine Compounds for H₂O₂ Amperometric Detection"

A. R. Deac, C. Morar, G. L. Turdean, **M. Darabantu**, E. Gál, A. Bende and L. M. Muresan
J. Solid State Electrochem. **2016**, 20(11), 3071-3081

6. "Synthesis of Some Selectively *N*-protected (1*S*,2*S*)-*p*-Nitrophenylserinol Based Diamino-1,3-dioxanes and Tripodands"

I. Nagy, O. Moldovan*, F. Popa, P. Lameiras, C. Morar, C. Sacalis and **M. Darabantu***
Synthetic Commun. **2015**, 45(20), 2319-2330

7. "Convergent versus Divergent Three Steps Synthesis of the First (4-Aminophenoxy)alkanoic Acids Based Tripodal Melamines"

C. Morar, L. Cost, P. Lameiras, C. Antheaume and **M. Darabantu***
Synthetic Commun. **2015**, 45(14), 1688-1695

8. "Design, Iterative Synthesis and Structure of Novel Optically Active Trispiro-dendritic Melamines Incorporating "Open-chain" vs. "Closed-chain" Serinolic Peripheral Units"

O. Moldovan, I. Nagy, P. Lameiras, C. Antheaume, C. Sacalis and **M. Darabantu***
Tetrahedron: Asymmetry **2015**, 26(14), 683-701

9. "Synthesis and Optical Properties of Multibranched and C₃ Symmetrical Oligomers with Benzene or Triphenylamine Core and Diazines as Peripheral groups"

F. Popa-Martin, C. Baudequin, C. Fiol-Petit, **M. Darabantu**, Y. Ramondenc and N. Plé
Tetrahedron **2014**, 70(15), 2546-2555

10. "Synthesis and Stereochemistry of New 1,3-Thiazolidine Systems Based on 2-Amino-2-(mercaptomethyl)propane-1,3-diol: 4,4-Bis(hydroxymethyl)-1,3-thiazolidines and *c*-5-Hydroxymethyl-3-oxa-7-thia-*r*-1-azabicyclo[3.3.0]octanes"

C. Morar, C. Sacalis, P. Lameiras, A. Soran, H. Khartabil, C. Antheaume, I. Bratu, O. Moldovan and **M. Darabantu***
Tetrahedron **2013**, 69(47), 9966-9985

11. "Synthesis and Photophysical Properties of Push-pull Structures Incorporating Diazines as Attracting Part and Fluorene Core"

C. Denneval, O. Moldovan, C. Baudequin, S. Achelle, P. Baldeck, N. Plé, **M. Darabantu** and Y. Ramondenc
Eur. J. Org. Chem. **2013**, 25, 5591-5602

12. "Stereochemistry of Six-membered Spiranes Arising from the First Use of a Diaza-trispiro-heneicosane Motif in the Synthesis of a G-1 Dendritic Melamine"

O. Moldovan, P. Lameiras, I. Nagy, T. Opruta, F. Popa, C. Antheaume, Y. Ramondenc and **M. Darabantu***
Tetrahedron **2013**, 69(4), 2199-2213

13. "Design, Synthesis and Structure of New Dendritic Melamines. First Use of a Tandem C-2-Substituted Serinol – O,O-Masked 4-Piperidone as a Peripheral Unit in Iterative Synthesis"

F. Popa, P. Lameiras, O. Moldovan, M. Tomoaia-Cotisel, E. Hénon, A. Martinez, C. Sacalis, A. Mocanu, Y. Ramondenc and **M. Darabantu***
Tetrahedron **2012**, 68(43), 8945-8967

14. "New Serinolic Amino-*s*-triazines by Chemoselective Amination of Cyanuric Chloride and their (Pro)diastereomerism in Restricted Rotational Phenomena"

O. Moldovan, P. Lameiras, E. Hénon, F. Popa, A. Martinez, D. Harakat, C. Sacalis, Y. Ramondenc and **M. Darabantu***

Centr. Eur. J. Chem. **2012**, 10(4), 1119-1136

15. "Amino-*s*-triazines. Synthesis and Stereochemistry of Restricted Rotational Phenomena (I). First Use of a C-2-Substituted Serinol in Tandem with Masked 4-Piperidone for Selective Amination of Cyanuric Chloride"

F. Popa, P. Lameiras, E. Hénon, O. Moldovan, A. Martinez, C. Bătiu, Y. Ramondenc and **M. Darabantu***

Can. J. Chem. **2011**, 89(10), 1207-1221

16. "Synthesis and Conformational Analysis of the First 3-Oxa-7-thia-1-*r*-azabicyclo[3.3.0]-*c*-5-octane Single Functionalised at the C-5 Position"

A. But, P. Lameiras, I. Silaghi-Dumitrescu, C. Bătiu, S. Guillard, Y. Ramondenc and **M. Darabantu***

Lett. Org. Chem. **2010**, 7(4), 283-290

17. "(Masked)serinols: Molecules, Biomolecules, Building-blocks, Supramolecules Part (II): Serinolic Approaches in Current Organic Synthesis"

M. Darabantu*

Curr. Org. Synth. **2010**, 7(3), 235-275

18. "(Masked)serinols: Molecules, Biomolecules, Building-blocks, Supramolecules Part (I): Syntheses Based on Serinols' Reactivity with Carbonyl Electrophiles"

M. Darabantu*

Curr. Org. Synth. **2010**, 7(2), 120-152

19. "Serinolic Amino-*s*-triazines: Iterative Synthesis and Rotational Stereochemistry Phenomena as *N*-substituted Derivatives of 2-Aminopropane-1,3-diols"

M. Pinteau, M. Fazekas, P. Lameiras, I. Cadis, C. Berghian, I. Silaghi-Dumitrescu, F. Popa, C. Bele, N. Plé and **M. Darabantu***

Tetrahedron **2008**, 64(37), 8851-8870

20. "Serinolic Amino-*s*-triazines: Iterative Synthesis of *N*-Substituted Amino-1,3-dioxane Derivatives from 1-(*p*-Nitrophenyl)serinols and Rotational Stereochemistry Phenomena"

M. Fazekas, M. Pinteau, P. Lameiras, A. Lesur, C. Berghian, I. Silaghi-Dumitrescu, N. Plé and **M. Darabantu***

Eur. J. Org. Chem. **2008**, 14, 2473-2494

21. "Electrochemical Behavior of a New *s*-Triazine Based Dendrimer"

V. Lates, D. Gligor, **M. Darabantu** and L. M. Muresan

J. Appl. Electrochem. **2007**, 37(5), 631-636

22. "First Synthesis of a G-2 Melamine Dendrimer with Serinolic Peripheral Groups"

M. Darabantu*, M. Pinteau, M. Fazekas, P. Lameiras, C. Berghian, I. Delhom, I. Silaghi-Dumitrescu, N. Plé and A. Turck

Lett. Org. Chem. **2006**, 3(12), 905-910

23. "α-(3,7-Dioxa-*r*-1-azabicyclo[3.3.0]oct-*c*-5-ylmethoxy)-diazines (II): Functionalisation via Directed Ortho-Metallation and Cross-Coupling Reactions"

C. Berghian, E. Condamine, N. Plé, A. Turck, I. Silaghi-Dumitrescu, C. Maieranu and **M. Darabantu***

Tetrahedron **2006**, 62(31), 7339-7354

24. "α-(3,7-Dioxa-*r*-1-azabicyclo[3.3.0]oct-*c*-5-ylmethoxy)-diazines (I): Synthesis and Stereochemistry. Extension to *s*-Triazine Series"

C. Berghian, P. Lameiras, L. Toupet, E. Condamine, N. Plé, A. Turck, C. Maieranu and **M. Darabantu***

Tetrahedron **2006**, 62(31), 7319-7338

25. "First Synthesis, Rotamerism and Herbicidal Evaluation of Substituted *s*-Triazines with Amino-1,3-dioxane Groups"

M. Fazekas, **M. Darabantu***, M. Pinteau, P. Lameiras, C. Bele, C. Berghian and N. Plé

Heterocyclic Commun. **2006**, 12(2), 151-156

- 26.** "First Synthesis, Rotamerism and Herbicidal Evaluation of Substituted *s*-Triazines with Serinolic Fragment"
M. Pintea, **M. Darabantu***, M. Fazekas, P. Lameiras, C. Berghian, I. Delhom, C. Bele and N. Plé
Heterocyclic Commun. **2006**, 12(2), 135-140
- 27.** "First Example of Long Distance Stereocontrolled Synthesis in 1-Aza-3,7-dioxabicyclo[3.3.0]octane Series"
C. Maieranu, **M. Darabantu***, E. Condamine, G. Plé, Y. Ramondenc, M. Fazekas, M. Pintea and C. Berghian
Heterocyclic Commun. **2005**, 11(3-4), 305-310
- 28.** "Electroreduction of (1*S*,2*S*)-2-Amino-1-(4-nitrophenyl)-propane-1,3-diol Derivatives. Behaviour of Electrogenerated Species and Application to Organic Synthesis"
C. V. Cristea, C. Moinet, M. Jitaru and **M. Darabantu**
J. Appl. Electrochem. **2005**, 35(9), 845-849
- 29.** "Aryl-Aryl Bond Formation in Pyridine and Diazine Series. Diazines Part 41"
L. Bouilly, **M. Darabantu**, A. Turck and N. Plé
J. Heterocyclic Chem. **2005**, 42(7), 1423-1428
- 30.** "Metalation of Pyridin-2-ylidiazines. Use of Pyridine Ring as Ortho-Directing Group. Diazines Part 45"
C. Berghian, **M. Darabantu**, A. Turck and N. Plé
Tetrahedron **2005**, 61(40), 9637-9644
- 31.** "Synthesis of New Polyaza Heterocycles. Diazines. Part 42"
M. Darabantu, L. Bouilly, A. Turck and N. Plé
Tetrahedron **2005**, 61(11), 2897-2905
- 32.** "First Examples of the Conformation Chirality of Heterobicyclo[3.3.0]ctanes: 3,7-Dioxa-*r*-1-azabicyclo[3.3.0]oct-*c*-5-yl-methoxy pyrazines"
C. Berghian, **M. Darabantu***, P. Lameiras, N. Plé and A. Turck
Heterocyclic Commun. **2005**, 11(6), 517-522
- 33.** "3,7-Dioxa-1-azabicyclo[3.3.0]octanes Substituted at C-5 position. From Local to Global Stereochemistry"
M. Darabantu*, C. Maieranu, I. Silaghi-Dumitrescu, L. Toupet, E. Condamine, Y. Ramondenc, C. Berghian, G. Plé and N. Plé
Eur. J. Org. Chem. **2004**, 12, 2644-2661
- 34.** "Quantitative Structure – Retention Activity Relationship of Some 1,3-Oxazolidine Systems by RP-HPTLC and PCA"
C. Sarbu, D. Casoni, **M. Darabantu** and C. Maieranu
J. Pharm. Biomed. Anal. **2004**, 35(1), 213-219
- 35.** "New 1,4-Disubstituted Phthalazines: Synthesis, Structure and Herbicidal Evaluation"
C. Bele and **M. Darabantu***
Heterocyclic Commun. **2003**, 9(6), 641-646
- 36.** "Relative Ortho-directing Power of Fluorine, Chlorine and Methoxy Group for the Metallation Reaction in the Diazine Series. Diazines XXXV"
F. Toudic, A. Turck, N. Plé, G. Quéguiner, **M. Darabantu**, T. Lequeux and J. C. Pommelet
J. Heterocyclic Chem. **2003**, 40(5), 855-860
- 37.** "Synthesis and Biological Evaluation of Halogenated Naphthyridone Carboxamides as Potential Ligands for in Vivo Imaging Studies of Substance P Receptors"
C. Bagot-Guéret, M. D. Le Bas, S. Tymciu, **M. Darabantu**, P. Emond, D. Guilloteau, M. C. Lasne, A. Wijkhuisen, L. Barré and C. Perrio
Bioconjugate Chemistry **2003**, 14(3), 629-641
- 38.** "Ring - Chain Tautomerism and Other Versatile Behaviour of 1,4 - Diimino- and 1,2- Phenylene Derivatives of Some C - Substituted Serinols"

- C. Maieranu, **M. Darabantu***, G. Plé, C. Berghian, E. Condamine, Y. Ramondenc, I. Silaghi-Dumitrescu and S. Mager
Tetrahedron **2002**, 58(13), 2681-2693
- 39.** "Convenient Synthesis of Chiral 5-Amino-1,3-dioxanes Built on Some *l-p*-Nitrophenylserinol Skeletons"
M. Darabantu*, C. Maieranu, G. Plé, C. Berghian, E. Condamine and Y. Ramondenc
Heterocyclic Commun. **2001**, 7(6), 593-598
- 40.** "Selective Fluorination by Halogen Exchange of Chlorodiazines and Chloropyridines Promoted by the 'Proton Sponge'-Triethylamine Tris(Hydrogen Fluoride) System"
M. Darabantu, T. Lequeux, J. C. Pommelet, N. Plé and A. Turck
Tetrahedron **2001**, 57(4), 739-750
- 41.** "The Proton Sponge-Triethylamine Tris(hydrogen fluoride) System as a Selective Nucleophilic Fluorinating Reagent for Chlorodiazines"
M. Darabantu, T. Lequeux, J. C. Pommelet, N. Plé, A. Turck and L. Toupet
Tetrahedron Lett. **2000**, 41(35), 6763-6767
- 42.** "Synthesis and Stereochemistry of Some 1,3-Oxazolidine Systems Based on TRIS (α, α, α -Trimethylolaminomethane) and Related Aminopolyol - Skeletons (II). 1-Aza-3,7-dioxabicyclo[3.3.0]octanes"
M. Darabantu*, G. Plé, C. Maieranu, I. Silaghi-Dumitrescu, Y. Ramondenc and S. Mager
Tetrahedron **2000**, 56(23), 3799-3816
- 43.** "Synthesis and Stereochemistry of Some 1,3-Oxazolidine Systems Based on TRIS (α, α, α -Trimethylolaminomethane) and Related Aminopolyol - Skeletons (I). (Di)spirooxazolidines"
M. Darabantu*, G. Plé, I. Silaghi-Dumitrescu, C. Maieranu, I. Turos, I. A. Silberg and S. Mager
Tetrahedron **2000**, 56(23), 3785-3798
- 44.** "Selective Reactivity of sp^3 - and sp^2 -Carbanions of 1-Substituted-1,2,4-triazoles. A Comparative Approach"
A. Katritzky, **M. Darabantu**, D. C. Aslan and D. C. Oniciu
J. Org. Chem. **1998**, 63(13), 4323-4331
- 45.** "Phosphorilation of α -Oximinoacetonitrile"
A. Hantz **M. Darabantu**, E. Mateiciuc and B. Michova
Phosphor, Silicon Sulphur and Related Elements **1998**, 140, 1-12
- 46.** "Synthesis and Stereochemistry of Some Heterocyclic Saturated Compounds Based on *l-p*-Nitrophenylserinol Skeleton (III). 1,3-Dioxanic Schiff-Bases"
M. Darabantu*, G. Plé, S. Mager, C. Puscas and E. Cotoră
Tetrahedron **1997**, 53(5), 1909-1922
- 47.** "Synthesis and Stereochemistry of Some Heterocyclic Saturated Compounds Based on *l-p*-Nitrophenylserinol Skeleton (II). 1-Aza-3,7-dioxabicyclo[3.3.0]octanes"
M. Darabantu*, G. Plé, S. Mager, L. Gaina, E. Cotoră, A. Mates and L. Costas
Tetrahedron **1997**, 53(5), 1891-1908
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