



Reza Heydari

Associate Professor

Faculty : Science

Departments : Chemistry

Phone : +9854 - 31136331

Email : heydari@chem.usb.ac.ir

Address : Dept.of Chemistry, Faculty of Science, University of Sistan and Baluchestan, Daneshgah Ave., Zahedan, Iran.

Education

- ✓ B.Sc, Chemistry, Sistan and Baluchestan University - 1989
- ✓ MS, Organic Chemistry, Shahid Bahonar University of Kerman - 1992
- ✓ PhD, Organic Chemistry, Shiraz University - 2001

Courses

- | | |
|---|-------------------------------------|
| 1. organic chemistry laboratory 1 | 2. Organic Chemistry 2 |
| 3. organic chemistry laboratory 2 | 4. Hetrocyclic chemistry |
| 5. advanced organic chemistry | 6. organic chemistry 3 |
| 7. Identification of organic compounds | 8. organic chemistry 1 |
| 9. organic synthesis methods | 10. General chemistry laboratory 1 |
| 11. General chemistry laboratory 2 | 12. advanced synthesis |
| 13. new topics in organic chemistry | 14. Advanced hetrocyclic chemistry |
| 15. new content in organic chemistry | 16. laboratory of organic chemistry |
| 17. general chemistry reagent and methods | 18. org. chem 1 |

Journals Papers

2021

1. [Organo-catalytic synthesis of oxathians from isocyanides, isothiocyanates, and oxiranes](#)

, Reza Heydari, Alireza Samzadeh-Kermani

Journal of Sulfur Chemistry Volume: (42) 1 - 14

2. [Fe₃O₄@THAM-Pd as a highly efficient magnetically recoverable nanocatalyst for facile one-pot assembly of substituted imidazoles under solvent-free conditions](#)

Kazem Sanchooli, Reza Heydari,

BULLETIN OF THE KOREAN CHEMICAL SOCIETY Volume: (42) 1464 - 1472

2020

3. [Kinetic analysis of new multi-component reaction for the formation of Z-N-\(3-\(naphthalene-2-yl\)-4-oxothiazolidine-2-ylidene\) benzamide](#)

Mahdieh Darijani, Sayyed Mostafa Habibi-Khorassani, Mehdi Shahraki, Reza Heydari, Yaser Shahbakhsh,

PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS Volume: (195) 149 - 157

4. [Utilizing an Old Idea for the Three-Component Synthesis of Anthraquinone-Scaffold-Based Enaminodiones \(2,2-Diacylethenamines\)](#)

, Malek Taher Maghsoodlou, Reza Heydari, Afshin Yazdani-Elah-Abadi

POLYCYCLIC AROMATIC COMPOUNDS Volume: () 1 - 11

5. [Bronsted Acidic Ionic Liquids \(BAILs\)-Catalyzed Synthesis of 1,8-DioxoOctahydroxanthene and 2,2-Arylmethylene Bis\(3-Hydroxy-5,5-Dimethyl-2-Cyclohexene-1-One\) Derivatives Under Eco-Friendly Conditions](#)

, Reza Heydari, Malek-Taher Maghsoodlou, Afshin Yazdani-Elah-Abadi

Iranian Journal of Science and Technology Transaction A-Science Volume: (44) 51 - 64

6. [N-Methylpiperidine assisted catalytic multicomponent reaction](#)

, Reza Heydari, Alireza Samzadeh-Kermani

MONATSFESTE FÜR CHEMIE Volume: (151) 213 - 222

7. [A convenient synthesis of thiazol-2\(3 H\)-one skeletons from a reaction involving terminal alkynes, elemental sulfur, and isocyanates](#)

Fahimeh Heidarimokarrar, Reza Heydari, Malek-Taher Maghsoodlou, Alireza Samzadeh-Kermani

Journal of Sulfur Chemistry Volume: (41) 258 - 270

2019

8. [Three-Component Synthesis of Tetrazolo Anthraquinone as a Representation of a New Heterocyclic System](#)

, Malek Taher Maghsoodlou, Reza Heydari

ChemistrySelect Volume: (4) 5315 - 5318

9. Mild and Efficient Synthesis of Polysubstituted Phthalimides and Piperidines Catalyzed by DABCO

Farideh Paymouz, Malek-Taher Maghsoodlou, Reza Heydari, Afshin Yazdani-Elah-Abadi, , Claudia Graiff

Iranian Journal of Science and Technology Transaction A-Science Volume: (43) 2851 - 2859

10. Synthesis of Quinolines, Spiro[4H-pyran-oxindoles] and Xanthenes Under Solvent-Free Conditions

Farzaneh Mohamadpour, Malek Taher Maghsoodlou, Mojtaba Lashkari, Reza Heydari, Nourallah Hazeri

ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL Volume: (51) 456 - 476

2018

11. One-Pot, Sequential Four-Component Synthesis of Benzo[a]chromeno[,-c]phenazine Derivatives Using SiO-SOH as an Efficient and Recoverable Catalyst Under Conventional Heating and Microwave Irradiation

, , Malektaher Maghsoodlou, Reza Heydari

POLYCYCLIC AROMATIC COMPOUNDS Volume: (38) 92 - 101

12. CeCl₃-Catalyzed a Highly Efficient and Eco-friendly Synthesis of New and Densely Functionalized Thiazolo[3,2- a]Pyrimidins via Biginelli-type Reaction

Tayebeh Jazinizadeh, Afshin Yazdani-Elah-Abadi, Malektaher Maghsoodlou, Reza Heydari

POLYCYCLIC AROMATIC COMPOUNDS Volume: (0) -

13. Imidazole/Cyanuric Acid as an Efficient Catalyst for the Synthesis of 2-Amino-4H-chromenes in Aqueous Media at Ambient Temperature

Reza Heydari, , ,

LETTERS IN ORGANIC CHEMISTRY Volume: (15) 302 - 306

14. PHTHALIC ACID: A GREEN, BIODEGRADABLE AND ENVIRONMENTALLY BENIGN NATURE DIFUNCTIONAL BRNSTED ACID CATALYST FOR THE ONE-POT SYNTHESIS OF 3, 4-DIHYDROPYRIMIDIN-2- (1H)-ONE DERIVATIVES AND SUBSTITUTED DIHYDRO-2-OXYPYRROLES

Farzaneh Mohamadpour, , Malektaher Maghsoodlou, Reza Heydari

JOURNAL OF THE CHILEAN CHEMICAL SOCIETY Volume: (63) 3788 - 3795

15. Green Synthesis of Polysubstituted Quinolines and Xanthene Derivatives Promoted by Tartaric Acid as a Naturally Green Catalyst under Solvent-free Conditions

Nourallah Hazeri, Reza Heydari, Malektaher Maghsoodlou, Malektaher Maghsoodlou, Farzaneh Mohamadpour

Chemistry Journal of Moldova Volume: (13) 74 - 86

2017

16. One-pot Synthesis of Polysubstituted Dihydro-2-oxypyrroles Catalyzed by Vanadium (V) oxide

Farzaneh Mohamadpour, Malektaher Maghsoodlou, Reza Heydari,

Journal of Applied Chemical Research Volume: (11) 115 - 123

17. Clean and one-pot synthesis of 3,4-dihydropyrimidin-2-(1H)-ones/thione derivatives using maleic acid as an efficient and environmentally benign natural di-functional Brnsted acid catalyst under solvent-free conditions

Malektaher Maghsoodlou, Reza Heydari, mojtaba lashkari, Farzaneh Mohamadpour

INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY
Volume: (56) 160 - 164

18. Theophylline as a new and green catalyst for the one-pot synthesis of spiro[benzo[a]pyrano[2,3-c]phenazine] and benzo[a]pyrano[2,3-c]phenazine derivatives under solvent-free conditions

, Malektaher Maghsoodlou, razieh mouhebat, Reza Heydari

CHINESE CHEMICAL LETTERS Volume: (28) 446 - 452

19. Na₂EDTA: an efficient, green and reusable catalyst for the synthesis of biologically important spirooxindoles, spiroacenaphthylenes and spiro2amino4Hpyrans under solventfree conditions

Tayebeh Jazinizadeh, Malektaher Maghsoodlou, Reza Heydari,

Journal of the Iranian Chemical Society JICS Volume: (14) 2117 - 2125

20. An efficient domino one-pot synthesis of novel spirofuran-indenoquinoxalines by vinyltriphenylphosphonium salts

, Malektaher Maghsoodlou, , Reza Heydari

JOURNAL OF CHEMICAL SCIENCES Volume: (129) 691 - 698

21. Sodium Bismuthate: An Efficient Catalyst for the One-pot Synthesis of Biologically Active Spiro[4H-pyran] Derivatives under Solvent-free Conditions

Farzaneh Mohamadpour, Malektaher Maghsoodlou, Reza Heydari,

Journal of Applied Chemical Research Volume: (11) 46 - 57

22. Coupling of Amines, Dialkyl acetylenedicarboxylates and Formaldehyde Promoted by Copper (II) Chloride: An Efficient Synthesis of Polysubstituted Dihydro-2-oxopyrrols

, Reza Heydari, Farzaneh Mohamadpour

Journal of Applied Chemical Research Volume: (11) 86 - 95

23. Tartaric Acid: A Naturally Green and Efficient Di-Functional Brnsted Acid Catalyst for the One-Pot Four-Component Synthesis of Polysubstituted Dihydropyrrol-2-Ones at Ambient Temperature

Farzaneh Mohamadpour, Malektaher Maghsoodlou, Reza Heydari,

Iranian Journal of Science and Technology Transaction A-Science Volume: (41) 843 - 849

24. Novel (4-oxothiazolidine-2-ylidene)benzamide derivatives: synthesis, characterization and crystal structures

, Reza Heydari, Malektaher Maghsoodlou,

RESEARCH ON CHEMICAL INTERMEDIATES Volume: (43) 4189 - 4199

25. K₂CO₃/cyanuric acid catalyzed synthesis of 2-amino- 4H-chromene derivatives in water

Reza Heydari, , ,

RESEARCH ON CHEMICAL INTERMEDIATES Volume: (43) 4611 - 4622

26. Synthesis of Functionalized ?-Spiroiminolactones through a One-Pot Three-Component Reaction of Isocyanides, Acetylenic Esters, and 6 H -Indeno[1,2- b]pyrido[3,2- e]pyrazin-6-one

Razieh Mohebat, , Reza Heydari, Malektaher Maghsoodlou

POLYCYCLIC AROMATIC COMPOUNDS Volume: (-) 1 - 5

27. Synthesis and crystal structures of novel (4-phenylthiazol-2(3H)-ylidene) benzamide and ((benzoylimino)-3-(9,10-dioxo-9,10-dihydroanthracen-1-yl)-4-oxothiazolidin-5-ylidene)acetate derivatives

, Reza Heydari, Malektaher Maghsoodlou, Majid Kolehdozan, Claudia Graiff

HETEROATOM CHEMISTRY Volume: (28) 1 - 12

28. Synthesis of 2-Aryl-2,3-Dihydroquinazolin-4(1H)-One Derivatives Using Lactic Acid as a Green, Natural and Inexpensive Catalyst in Water

Tayebeh Jazinizadeh, Malektaher Maghsoodlou, Reza Heydari

Iranian Journal of Science and Technology Transaction A-Science Volume: (42) -

2016

29. Catalytic Study of Mn(NO₃)₂.4H₂O as an Environmental Friendly and Mild Catalyst for One-pot Simple Synthesis of Highly Substituted Tetrahydropyridines under Ambient Temperature

, Reza Heydari, Farzaneh Mohamadpour, Nourallah Hazeri

Volume: (10) 59 - 66

30. Saccharin: a green, economical and efficient catalyst for the onepot, multicomponent synthesis of 3,4dihydropyrimidin2(1H)one derivatives and 1Hpyrazolo [1,2b] phthalazine5,10dione derivatives and substituted dihydro2oxypyrrole

Farzaneh Mohamadpour, Malektaher Maghsoodlou, Reza Heydari,

Journal of the Iranian Chemical Society JICS Volume: (13) 1549 - 1560

31. Reaction of hydroxylated naphthoquinones/antraquinones with pentafluoropyridine

, Reza Heydari, Malektaher Maghsoodlou

SpringerPlus Volume: (5) 1 - 4

32. An efficient four-component domino protocol for the rapid and green synthesis of functionalized benzo[a]pyrano[2,3-c]phenazine derivatives using caffeine as a homogeneous catalyst

, Malektaher Maghsoodlou, Reza Heydari,

RESEARCH ON CHEMICAL INTERMEDIATES Volume: (42) 1227 - 1235

33. Oxalic acid dihydrate catalyzed synthesis of 3,4-dihydropyrimidin-2-(1H) -one derivatives under thermal and solvent-free conditions

Farzaneh Mohamadpour, Malektaher Maghsoodlou, Reza Heydari,

Iranian Journal of Catalysis Volume: (6) 127 - 131

34. Salicylic acid as a naturally green Brnsted acid catalyst for eco-friendly and simple synthesis of polysubstituted dihydro-2-oxypyrrroles under ambient temperature

Farzaneh Mohamadpour, , Malektaher Maghsoodlou, Reza Heydari

Volume: (10) 79 - 97

35. An efficient and convenient synthesis of quinazoline derivatives catalyzed by cyanuric chloride in water

, Reza Heydari, Malektaher Maghsoodlou

Iranian Journal of Catalysis Volume: (6) 363 - 368

36. Synthesis and crystal structures of some new 2-(diphenylamino)-4,5- disubstituted thiazole derivatives

Reza Heydari, , ,

JOURNAL OF CHEMICAL RESEARCH Volume: (40) 326 - 330

37. Synthesis and Crystal Structures of Some Pyridyl Aminothiazole and Thiazolidin-2-ylidene Benzamide Derivatives

Reza Heydari, ,

LETTERS IN ORGANIC CHEMISTRY Volume: (13) 263 - 271

38. One-Pot Synthesis of Biscoumarin and Dihydropyrano [c]chromene Derivatives in the Presence of Organocatalysts under Solvent-Free Conditions

Reza Heydari,

LETTERS IN ORGANIC CHEMISTRY Volume: (13) 400 - 405

39. Copper(II) acetate monohydrate: an efficient and ecofriendly catalyst for the one-pot multi-component synthesis of biologically active spiropyran and 1Hpyrazolo[1,2-b]phthalazine-5,10-dione derivatives under solvent-free conditions

Farzaneh Mohamadpour, Malektaher Maghsoodlou, Reza Heydari,

RESEARCH ON CHEMICAL INTERMEDIATES Volume: (12) 7841 - 7853

40. Synthesis of 2tetrafluoropyridyl4,5disubstituted 1,2,3triazoles

, Malektaher Maghsoodlou, Reza Heydari

SpringerPlus Volume: (1961) 1 - 4

41. A green and efficient four-component sequential protocol for the synthesis of novel 16-(aryl)benzo[a]indeno[20,10:5,6]pyrano[2,3- c]phenazin-15(16H)-one derivatives using oxalic acid as a reusable and cost-effective organic catalyst

, , Malektaher Maghsoodlou, , Reza Heydari

RESEARCH ON CHEMICAL INTERMEDIATES Volume: (42) 7121 - 7132

2015

42. One-pot synthesis of 12-aryl-8,9,10,12- tetrahydrobenzo[a]xanthen-11-ones by using of neutral and efficient organocatalysts under solvent-free conditions

Reza Heydari,

RESEARCH ON CHEMICAL INTERMEDIATES Volume: (41) 4581 - 4586

43. Agar: a novel, efficient, and biodegradable catalyst for the one-pot three-component and green synthesis of 2,3-dihydroquinazolin-4(1H)-one, 4Hpyrimidobenzothiazole and 2-aminobenzothiazolomethylnaphthol derivatives

, Reza Heydari, Malektaher Maghsoodlou

RESEARCH ON CHEMICAL INTERMEDIATES Volume: (41) 7377 - 7391

44. An eficient one-pot synthesis of C-alkylated phenols and benzofuran derivatives with phosphanylidene substituents

Malektaher Maghsoodlou, Reza Heydari, Nourallah Hazeri, SayyedMostafa Habibi Khorassani, , , ,

RESEARCH ON CHEMICAL INTERMEDIATES Volume: () 2609 - 2617

45. Agar: a novel, efficient, and biodegradable catalystfor the one-pot three-component and green synthesis of 2,3-dihydroquinazolin-4(1H)-one, 4Hpyrimidobenzothiazole pyrimidobenzothiazoleaminobenzothiazolomethylnaphthol derivatives

, Reza Heydari, Malektaher Maghsoodlou

RESEARCH ON CHEMICAL INTERMEDIATES Volume: () 7377 - 7391

46. Synthesis of 2,3,5,6tetrafluoropyridine derivatives from reaction of pentafluoropyridine with malononitrile, piperazine and tetrazole5thiol

, Reza Heydari, Malektaher Maghsoodlou

SpringerPlus Volume: (4) 1 - 1

2014

47. Efficient synthesis of new stable 1,4-diionic organosulfurs and corresponding mesoionic compounds from N-heterocyclic ylides

, Reza Heydari, , Hamideh Saravani, Claudia Graiff

PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS Volume: () 263 - 273

48. Efficient Synthesis of New Stable 1,4- diionic Organosulfurs and Corresponding Mesoionic Compounds from NHeterocyclic Ylides

, Reza Heydari, , Hamideh Saravani

PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS Volume: (189) 263 - 273

2013

49. An efficient one-pot synthesis of C-alkylated phenols and benzofuran derivatives with phosphanylidene substituents

Malektaher Maghsoodlou, Reza Heydari, Nourallah Hazeri, , SayyedMostafa Habibi Khorassani,

RESEARCH ON CHEMICAL INTERMEDIATES Volume: () -

50. ONE-POT SYNTHESIS AND X-RAY STRUCTURE OF NEW, STABLE TETRAHYDROPYRROLO [1,2-a][1,10]PHENANTHROLINES WITH FOUR DIASTEREOISOMERIC CENTERS

Reza Heydari, , Niloufar Akbarzadeh- Torbati, ,

SYNTHETIC COMMUNICATIONS Volume: () 2031 - 2041

2012

51. Solvent-free conditions as an eco-friendly strategy for synthesis of organophosphorus compounds

Niloufar Akbarzadeh- Torbati, Reza Heydari, Nourallah Hazeri, SayyedMostafa Habibi Khorassani, Malek

PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS Volume: () 1450 - 1461

52. One-pot three-component synthesis of α -amino phosphonates using $\text{NaHSO}_4\text{-SiO}_2$ as an efficient and reusable catalyst

Malektaher Maghsoodlou, Reza Heydari, SayyedMostafa Habibi Khorassani, Nourallah Hazeri

SYNTHETIC COMMUNICATIONS Volume: () 136 - 143

53. ONE-POT, THREE-COMPONENT SYNTHESIS OF α -AMINO PHOSPHONATES USING $\text{NaHSO}_4\text{-SiO}_2$ AS AN EFFICIENT AND REUSABLE CATALYST

Malektaher Maghsoodlou, Reza Heydari, SayyedMostafa Habibi Khorassani, Nourallah Hazeri, , ,

SYNTHETIC COMMUNICATIONS Volume: () 136 - 143

2011

54. One pot synthesis of pyridophenanthroline and pyrrolophenanthroline derivatives by regioselective reaction between 1,7-phenanthroline and dialkyl acetylenedicarboxylate new fused heterocyclic compounds

Malektaher Maghsoodlou, Reza Heydari, SayyedMostafa Habibi Khorassani

TURKISH JOURNAL OF CHEMISTRY Volume: () -

55. An Efficient method for synthesis of stable phosphorus ylides and 1,4-diionic organophosphorus compound in the presence of sodium dodecyl sulfate in aqueous media

Reza Heydari

Arabian Journal of Chemistry Volume: () -

56. Highly regioselective synthesis of dicyano-8a,10,11-trihydropyrrolo [1,2-b]phenanthrolines via a domino-Knoevenagel-cyclization

Reza Heydari

CHINESE CHEMICAL LETTERS Volume: () -

57. efficient synthesis of stable phosphonate ylides and phosphonate esters

Malektaher Maghsoodlou, SayyedMostafa Habibi Khorassani, Reza Heydari, Ali Ebrahimi

COMBINATORIAL CHEMISTRY and HIGH THROUGHPUT SCREENING Volume: (14) -

58. Triphenylarsine as an Efficient Catalyst in Diastereospecifics Synthesis of N-Vinyl Heterocyclic Compounds

Reza Heydari

SYNTHETIC COMMUNICATIONS Volume: () -

59. An efficient and simple synthesis of α -amino phosphonates as drug like molecules catalyzed by silics-supported perchloric acid ($\text{HClO}_4\text{-SiO}_2$)

Malektaher Maghsoodlou, SayyedMostafa Habibi Khorassani, Reza Heydari, Nourallah Hazeri, ,

Arabian Journal of Chemistry Volume: () 481 - 485

60. Synthesis of new phosphonate esters by reaction between triphenyl or trialkyl phosphate and acetylenic diesters in the presence of NH-containing compounds

, Malektaher Maghsoodlou, Nourallah Hazeri, Reza Heydari, SayyedMostafa Habibi Khorassani, Niloufar

HETEROATOM CHEMISTRY Volume: (22) 630 - 639

61. (An efficient and simple synthesis of α -amino phosphonates as 'drug like' molecules catalyzed by silica-supported perchloric acid ($\text{HClO}_4\text{-Si}$))

Malektaher Maghsoodlou, SayyedMostafa Habibi Khorassani, Reza Heydari, Nourallah Hazeri, ,

Arabian Journal of Chemistry Volume: (4) 481 - 485

62. Highly regioselective synthesis of dicyano-8a,10,11-trihydropyrrolo [1,2-b]phenanthrolines via a domino-Knoevenagel-cyclization

Reza Heydari,

CHINESE CHEMICAL LETTERS Volume: (22) 1281 - 1284

63. Synthesis of New Phosphonate Esters by Reaction between Triphenyl or Trialkyl Phosphite and Acetylenic Diesters in the Presence of NH-Containing Compounds

, Malektaher Maghsoodlou, Nourallah Hazeri, Reza Heydari, SayyedMostafa Habibi Khorassani, Niloufar

HETEROATOM CHEMISTRY Volume: (22) 630 - 639

2010

64. Simple and one-pot synthesis of new heterocyclic compounds in three-component reactions between isoquinoline or phenanthridine and acetylenic esters in the presence of N-heterocycles or 1,3-dicarbonyl compounds

Reza Heydari, Nourallah Hazeri, SayyedMostafa Habibi Khorassani, Malektaher Maghsoodlou

ARKIVOC Volume: () -

65. $\text{Al}(\text{H}_2\text{PO}_4)_3$ as an Efficient and Reusable Catalyst for One-pot Three-component Synthesis of α -Amino Phosphonates under Solvent-free Conditions

Malektaher Maghsoodlou, SayyedMostafa Habibi Khorassani, Nourallah Hazeri, Reza Heydari

CHINESE JOURNAL OF CHEMISTRY Volume: () -

66. Synthesis of phosphonate esters involving heterocyclic biological bases in a highly diastereoselective and chemoselective route

Malektaher Maghsoodlou, Nourallah Hazeri, SayyedMostafa Habibi Khorassani, Reza Heydari

MONATSCHEFTE FÜR CHEMIE Volume: () -

67. Study of Reaction between Activated Acetylenes and N,N-Diethyl-2-thiobarbituric Acid in the Presence of Isocyanides or Triphenylphosphine

, Malektaher Maghsoodlou, Nourallah Hazeri, Reza Heydari, SayyedMostafa Habibi Khorassani, Ali Ebrah

HETEROATOM CHEMISTRY Volume: () -

68. Phenanthridine or isoquinoline are good reagents for the synthesis of enamino esters

Reza Heydari, Nourallah Hazeri, SayyedMostafa Habibi Khorassani, Malektaher Maghsoodlou

JOURNAL OF CHEMICAL RESEARCH-S Volume: () -

69. Silica supported polyphosphoric acid (PPA-SiO₂) an efficient and reusable heterogeneous catalyst for the one-pot synthesis of α -amino phosphonates

Malektaher Maghsoodlou, SayyedMostafa Habibi Khorassani, Reza Heydari, Nourallah Hazeri

TURKISH JOURNAL OF CHEMISTRY Volume: (34) -

70. A Facile One-Pot Synthesis of Compounds and Anthraquinone Derivatives Containing Dialkyl Phosphoryl Moieties in Multicomponent Reactions

, Malektaher Maghsoodlou, SayyedMostafa Habibi Khorassani, Reza Heydari

PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS Volume: (185) -

71. Solvent Effects on the Chemoselectivity of Stable Phosphorus Ylides Involving a Sulfonamide

Reza Heydari, Nourallah Hazeri, Malektaher Maghsoodlou, SayyedMostafa Habibi Khorassani

PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS Volume: () -

72. Theoretical Study and Synthesis of the Reaction Between Triphenylphosphine Dialkyl Acetylenedicarboxylates and 2-Aminobenzimidazole 2-Hydroxy-3-Nitropyridine or 1 2 3 4-Tetrahydrocarbazol

SayyedMostafa Habibi Khorassani, Malektaher Maghsoodlou, Ali Ebrahimi, Reza Heydari, Nourallah Hazer

COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS Volume: (75) -

73. An efficient method for synthesis of stable phosphorous ylides 1 4-diionic organophosphorus compounds in the presence of sodium dodecyl sulfate in aqueous media

Reza Heydari, Nourallah Hazeri, SayyedMostafa Habibi Khorassani, Malektaher Maghsoodlou

Arabian Journal of Chemistry Volume: () -

2009

74. Highly stereoselective construction of functionalized cyclopropanes from the reaction between acetylenic esters and C H acids in the presence of triphenylarsine

Malektaher Maghsoodlou, SayyedMostafa Habibi Khorassani, Reza Heydari, , Nourallah Hazeri, , , , Ale

TETRAHEDRON LETTERS Volume: () 9 -

75. Synthesis of Aromatic Amine Phosphonato Ester Derivatives from the Stereoselective Reaction Between Triphenyl Phosphite and Dimethyl Acetylenedicarboxylate in the Presence of Derivatives of Aromatic Amines

Malektaher Maghsoodlou, Reza Heydari, Nourallah Hazeri, SayyedMostafa Habibi Khorassani

HETEROATOM CHEMISTRY Volume: (20) -

76. Synthesis of heterocyclic phosphorous esters by reaction between triphenyl phosphite and acetylenic diesters in the presence of sulfur-containing heterocyclic compounds

SayyedMostafa Habibi Khorassani, Reza Heydari, Malektaher Maghsoodlou

Journal of Sulfur Chemistry Volume: (30) -

77. An efficient method for synthesis of organophosphorus compounds in aqueous media

Reza Heydari, Malektaher Maghsoodlou

CHINESE CHEMICAL LETTERS Volume: () -

78. A facile synthesis of diastereoisomeric stable 1 4-diionic and also phosphorus ylides compounds containing sulfur through the reaction between 1 3-dicarbonyl compounds with activated acetylenic esters in the presence of triphenylphosphine

Malektaher Maghsoodlou, Reza Heydari, SayyedMostafa Habibi Khorassani

Iranian Journal of Organic Chemistry Volume: () -

79. One-pot Synthesis Of stable Phosphorous Ylides Using Aldehyde Phenylhydrazone Derivatives

Reza Heydari, Nourallah Hazeri, Malektaher Maghsoodlou, SayyedMostafa Habibi Khorassani, ,

ARKIVOC Volume: (vii) -

2008

80. Novel multicomponent reactions involving isoquinoline or phenanthridine and activated acetylenic ester in the presence of heterocyclic NH or 1,3-dicarbonyl compounds

, Malektaher Maghsoodlou, Reza Heydari, SayyedMostafa Habibi Khorassani

MOLECULAR DIVERSITY Volume: (12) -

81. A practical method for synthesis of stable phosphorus ylides in the presence of polyacrylamide in aqueous media

Reza Heydari, Malektaher Maghsoodlou,

PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS Volume: () -

82. Synthesis of heterocyclic stable phosphorus ylides from reaction between triphenylphosphine and activated acetylenic esters in the presence of biological active NH heterocyclic compounds

Malektaher Maghsoodlou, Reza Heydari, Nourallah Hazeri, SayyedMostafa Habibi Khorassani, , , , , ,

Biomedical pharmacology Journal Volume: (1) -

2007

83. Synthesis of oxime phosphoranes from reaction between triphenylphosphine and acetylenic esters in the presence of oxime derivatives (ISI)

Malektaher Maghsoodlou, SayyedMostafa Habibi Khorassani, Reza Heydari, , , ,

MOLECULAR DIVERSITY Volume: () -

2006

84. The new Y-Spiroiminolactone synthesis by reaction between alkyl or aryl isocyanides and 10-phenanthroline-5,6-dione in the presence of acetylenic esters (ISI)

Malektaher Maghsoodlou, SayyedMostafa Habibi Khorassani, Nourallah Hazeri, Reza Heydari, ,

JOURNAL OF CHEMICAL RESEARCH-S Volume: () -

85. An efficient Synthesis of Stable Phosphorous ylides Derived from Triphenylphosphine Dialkyl Acetylenedicarboxylates and an NH-Acid (ISI)

Malektaher Maghsoodlou, Nourallah Hazeri, SayyedMostafa Habibi Khorassani, Reza Heydari, , , ,

PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS Volume: () -

86. Chemoselective synthesis of phosphorus ylides through the reaction of 2-mercaptobenzimidazole and 2-hydroxybenzimidazole with triphenylphosphine and acetylenic esters (ISI)

Malektaher Maghsoodlou, Reza Heydari, SayyedMostafa Habibi Khorassani, , , ,

Journal of Sulfur Chemistry Volume: () -

87. Stereoselective synthesis of pyrrole phosphonate esters from the reaction of triphenylphosphite and dimethyl acetylenedicarboxylate in the presence of pyrrole in aqueous solution (ISI)

Malektaher Maghsoodlou, SayyedMostafa Habibi Khorassani, Reza Heydari,

JOURNAL OF CHEMICAL RESEARCH-S Volume: () -

2005

88. Reaction of Alkyl and Aryl Isocyanides with Floren-9-ones in the Presence of Acetylenic Esters Preparation of Y-Spiroiminolactones

Malektaher Maghsoodlou, Nourallah Hazeri, SayyedMostafa Habibi Khorassani, Reza Heydari, ,

SYNTHETIC COMMUNICATIONS Volume: () -

89. Y-Spiroiminolactone Synthesis by Reaction of Acetylenic Esters and -Dicarbonyl Compounds in the Presence of Aryl Isocyanide

Malektaher Maghsoodlou, Nourallah Hazeri, SayyedMostafa Habibi Khorassani, Reza Heydari, ,

SYNTHETIC COMMUNICATIONS Volume: () -

2003

90. SILICA-POLYETHYLENEGLYCOLS/N₂O₂ COMPLEXES AS HETEROGENEOUS NITRATING AND NITROSATING AGENTS

Reza Heydari, ,

PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS Volume: (178:1027) -

91. Silica-Acetate Complex of N₂O₄ A Heterogeneous Reagent for the Selective Nitration of Phenols and Nitrosation of Thiols

Reza Heydari, ,

SYNTHETIC COMMUNICATIONS Volume: (33) -

2001

92. APPLICATION OF IONIC COMPLEX OF N₂O₄ WITH 18-CRO VN-6 AS AN OXIDIZING AGENT FOR THE OXIDATION OF ORGANOSULFUR COMPOUNDS

Reza Heydari, ,

PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS Volume: (179) -

93. SILICA ACETATE COMPLEX OF N₂O₄ A HIGHLY EFFICIENT REAGENT FOR THE SELECTIVE CONVERSION OF THIOETHERS TO THEIR CORRESPONDING SULFOXIDES

Reza Heydari, ,

SYNTHETIC COMMUNICATIONS Volume: (31) -

1999

94. IONIC COMPLEX OF N₂O₄ WITH 18-CROWN-6 A HIGHLY EFFICIENT AND SELECTIVE REAGENT FOR NITRATION OF PHENOLS

Reza Heydari, ,

SYNTHETIC COMMUNICATIONS Volume: () -

95. Efficient Conversion of Thiols to S-Nitrosothiols with the 18-Crown-6 Complex of N₂O₄ as a New Nitrosating Agent.

Reza Heydari, ,

JOURNAL OF CHEMICAL RESEARCH-S Volume: () -

Conferences Papers

2008

1. [An efficient method for synthesis of stable Phosphorus ylides in aqueous media](#)

15th Iranian seminar of Organic Chemistry

, , Reza Heydari, Malektaher Maghsoodlou

2. [Diastereoselective synthesis of phosphonate esters through the reaction of dimethyl acetylenedicarboxylate and triphenylphosphite in the presence of NH and SH acids](#)

15th Iranian seminar of Organic Chemistry

Malektaher Maghsoodlou, Reza Heydari,

3. [An efficient method of stable phosphorus ylides in the presence of sodium dodecyl sulfate in aqueous media](#)

15th Iranian seminar of Organic Chemistry

, Reza Heydari, Malektaher Maghsoodlou, Nourallah Hazeri

4. [A facile one-pot synthesis of stable phosphorous ylides in aqueous media](#)

15th Iranian seminar of Organic Chemistry

, , Reza Heydari, Malektaher Maghsoodlou

5. [Synthesis of stable phosphorous ylides in the presence of active charcoal-supported triphenylphosphine in aqueous media](#)

15th Iranian seminar of Organic Chemistry

, , Reza Heydari,

6. [A single step Synthesis of enaminoesters through the reaction of isoquinoline and dimethyl acetylenedicarboxylate in the presence of NH and CH heterocyclic compounds](#)

, Malektaher Maghsoodlou, Reza Heydari

7. [Novel multicomponent reactions involving phenanthridine and activated acetylenic ester in the presence of 1,3-dicarbonyl compounds](#)

, Malektaher Maghsoodlou, Reza Heydari

8. [Microwaves-Assisted Facile Synthesis of Stable Phosphorus Ylides](#)

, , Reza Heydari, Malektaher Maghsoodlou, ,

9. [Solvent effect Diastereoselective synthesis of phosphonate esters containing -amino group](#)

Malektaher Maghsoodlou, Reza Heydari,

10. [A practical method for synthesis of stable phosphorus ylides from N-H and C-H acids in the presence of polyacrylamide in aqueous media](#)

, Reza Heydari, Malektaher Maghsoodlou

11. Diastereoselective synthesis of phosphonate esters through the reaction of activated acetylenic ester and triphenylphosphite in the presence of NH heterocyclic compounds

, Reza Heydari, Malektaher Maghsoodlou