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Description

University Education:

- **Bach. Pure Chemistry; 2002-2006**
Faculty of Chemistry, Mazandaran University, Babolsar, Iran
- **M.Sc. Organic Chemistry; 2006-2008**
Faculty of Chemistry, Shahrood University of Technology, Shahrood, Iran
- **Ph.D. Medicinal Chemistry; 2009-2014**
Faculty of Pharmacy, Mazandaran University of Medical Sciences, Sari, Iran

Publications:

- 1) Mohammad Bakherad, Ali Keivanloo, **Mahdieh Hashemi**, Pd-Cu-Mediated Synthesis of 2-Imidazo[1,2-a]pyridines in Water, Synthetic Communications, 2009, 39(6), 1002-1011.
- 2) Bakherad Mohammad, Keivanloo Ali, **Hashemi Mahdieh**, One-pot Synthesis of 2-Substituted Imidazo[2,1-b][1,3]benzothiazoles via Coupling-cyclization Under Pd-Cu Catalysis in Water, Letters in Organic Chemistry, 2009, 6(2), 165-170.
- 3) Mohammad Bakherad, Ali Keivanloo, Bahram Bahramian, **Mahdieh Hashemi**, Copper-free Sonogashira Coupling Reactions Catalyzed by a Water-soluble Pd-salen Complex Under Aerobic Conditions, Tetrahedron Letters, 2009, 50, 1557-1559.
- 4) **Seyedeh Mahdieh Hashemi**, Hamid Badali, Mohammad Ali Faramarzi, Nasrin Samadi, Mohammad Hosein Afsarian, Hamid Irannejad, Saeed Emami, Novel triazole alcohol

antifungals derived from fluconazole: design, synthesis, and biological activity, *Molecular Diversity*, 2015, 19, 15-27.

5) **Seyedeh Mahdieh Hashemi**, Hamid Badali, Hamid Irannejad, Mohammad Shokrzadeh, Saeed Emami, Synthesis and biological evaluation of fluconazole analogs with triazole-modified scaffold as potent antifungal agents, *Bioorganic & Medicinal Chemistry*, 2015, 23, 1481–1491.

6) **Seyedeh Mahdieh Hashemi**, Saeed Emami, Kojic acid-derived tyrosinase inhibitors: synthesis and bioactivity (Review Article), *Pharmaceutical Biomedical Research*, 2015, 1, 1-17.

Poster Presentations:

1) Bakherad M., Keivanloo A., Amin A. H. and **Hashemi M.**, Heteroannulation Through Palladium Catalysis: A Novel Cyclization Leading to Regioselective Synthesis of 1-Substituted-5H-[1,3]thiazolo [3,2-a]quinazoline-5-ones, 14th Iranian Seminar of Organic Chemistry, March 4-6, Zabol, Iran, 2008.

2) Keivanloo A., **Hashemi M.**, Mihanparast S., Azadkhah M., Pd-Cu Mediated Synthesis of 2-substituted Imidazo[1,2-a]pyridines in Water, 15th Iranian Seminar of Organic Chemistry, August 27-29, Razi University, Kermanshah, Iran, 2008.

3) Bakherad M., Keivanloo A., **Hashemi M.**, Mihanparast S., Synthesis of 2-Benzylimidazo[2,1-b] [1,3]benzothiazoles by Sonogashira Reaction in Water, 15th Iranian Seminar of Organic Chemistry, August 27-29, Razi University, Kermanshah, Iran, 2008.

4) Bakherad M., Mihanparast S., **Hashemi M.**, Azadkhah M., Copper-free Sonogashira Coupling Reaction Catalyzed by Polystyrene Supported Phosphine Palladium (II) Complex in Water Under Aerobic Conditions, 15th Iranian Seminar of Organic Chemistry, August 27-29, Razi University, Kermanshah, Iran, 2008.

5) Bakherad M., Keivanloo A., Mihanparast S., **Hashemi M.**, The Nickel-catalyzed Alkynylation of Aryl Iodides (Sonogashira Reaction) in Water, 15th Iranian Seminar of Organic Chemistry, August 27-29, Razi University, Kermanshah, Iran, 2008.

6) Jahan Bakhsh Raouf, Reza Ojani, Mohaddeseh Amiri-Aref, Mehdi Baghayeri, **Mahdieh Hashemi**, Fabrication of a Simple and Rapid Sensor for Detection of Methadone in Real Samples Based on Modification of a Glassy Carbon Electrode with Functionalized Multiwalled Carbon Nanotube Thin Layer, Congress on detection and analysis of ILLICIT DRUGS, 50, 12-15 January, Tehran, Iran, 2012.