Curriculum Vita

Dr. Mahboubeh Rostami, Ph.D.

Research line: Synthesis of Chemical Scaffolds with Anticancer Potential

Research interests

Anticancer Heterocyclic Scaffolds, Drug Delivery Systems, Polyoxometalates and Metal organic frameworks (MOFs), contrast enhancer agents for MRI

PERSONAL DETAILS

Name: Mahboubeh Rostami
Date of Birth: April 24, 1979
Place of Birth: Isfahan, Iran
Nationality: Iranian
City: Isfahan
Marital Status: Married
Children: one
E-mail: rd_ictr@yahoo.com; m.rostami@pharm.mui.ac.ir
Mobile Number: +98 913 115 4200; +983137927107
Address: Department of Medicinal Chemistry, School of Pharmacy and Pharmaceutical sciences, Isfahan University of Medical Sciences, Hezar Jarib Street. Isfahan. Iran

EDUCATION

- 2011-2015: postdoctoral research fellow in Medicinal Chemistry, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2005-2011: Ph.D in Organic Chemistry, Isfahan University, Isfahan, Iran.
- 2001-2003: M. Sc. in Organic Chemistry, Sharif University of Technology, Tehran, Iran.
- 1997-2001: B.Sc. in Chemistry, Isfahan University of Technology, Isfahan, Iran.

PERSONAL STATEMENT

I'm a diligent and orderly person in all conditions. I always try to do the best in everywhere and every time as possible. My interesting field is Organic Synthesis and I am skilled in medicinal chemistry and drug delivery fields.

Academic positions:

- 2015-2022: Assistant Professor with the Medicinal Chemistry Department, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2014-2022: Member of Novel Drug Delivery Research Center, Isfahan University of Medical Sciences, Isfahan, Iran.

ACADEMIC HONORS AND AWARDS

- Outstanding student in Isfahan University of Technology
- The university entrance exam winner for MSc
- The university entrance exam winner for Ph.D
- Top Technology Researcher in Isfahan School of Pharmacy, 2016

RESEARCH EXPERIENCES

1. Department of Medicinal Chemistry, School of Pharmacy and Pharmaceutical Sciences, Isfahan University of Medical Sciences, Iran, postdoctoral position, under supervision of Dr. Farshid hassanzadeh, (2012-2015), drug delivery systems designing.
2. Department of Medicinal Chemistry, School of Pharmacy and Pharmaceutical Sciences, Isfahan University of Medical Sciences, Iran, postdoctoral position, under supervision of Dr. Afshin Fassihi, (2011-2012), API synthesis.

3. Ph.D. Research, Chemistry of Azlactones, including their synthesis under various conditions and their chemical conversion to valuable compounds such as Indenones, carbamoyl benzamides, with centralization on the use of hybrid organic-inorganic polyoxometalates and ionic liquids.

4. MSc. Research, Regeneration of carbonyl compounds from oximes and semicarbazones using silver carbonate supported on silicagel.

Other research projects and activities:

- Now, I am working on more than 5 research projects.
- Designing of boron carriers for application in BNCT.
- I am working on industrial preparation of active pharmaceutical Intermediate projects (more than 10 projects) and have 3 government awards in API synthesis.
- Metal organic frame works as drug carrier
- Polyoxometalates as anti-cancer agent

JOB EXPERIENCES

1. Shafa Sari Pharmaceutical Company, R&D expert.
2. Coal Tar Refining Company, Isfahan, R&D supervisor.
3. Khorasgan Azad University, Isfahan, Professor.
4. Isfahan University of medical Science, Post-Doctoral Researcher 5 years.
5. Isfahan University of Medical Sciences, Assistant Professor (2015-now)

ACADEMIC /TEACHING EXPERIENCE

Heterocylic Chemistry & Advanced Oranic Chemistry (for Ph.D. students), retro-synthesis, Organic Chemistry, Spectroscopy and General Chemistry

Publications from Scholar Google

(1-71)

More than 10 papers under submitting and reviewing.

(2-28, 30-57, 59-65, 67-69, 72-83)

1. Soleimanbeigi M, Dousti F, Hassanzadeh F, Mirian M, Varshosaz J, Kasesaz Y, et al. Boron Phenyl Alanine Targeted Chitosan-PNIPAAm Core-Shell Thermo-Responsive Nanoparticles; Boosting Drug Delivery to Glioblastoma in BNCT. Drug Development and Industrial Pharmacy. 2022:1-37.
2. Shadi Dadkhah MM, Farshid Hassanzadeh, Ghadamali Khodarahmi, Parvin Asadi, Mahboubeh Rostami. The Art of Design in Azlactone-Benzoxazinone Chemistry, Docking Studies and in vitro Cytotoxicity Evaluation. Australian Journal of Chemistry. 2022;1(-).
3. Malekzadeh M, Dadkhah S, Khodarahmi GA, Asadi P, Hassanzadeh F, Rostami M. Some novel hybrid quinazoline-based heterocycles as potent cytotoxic agents. Research in Pharmaceutical Sciences. 2022;17(1):22.
4. Ramezani-Aliakbari M, Varshosaz J, Sadeghi-Aliabadi H, Hassanzadeh F, Rostami M. Biotin-targeted nanomicellar formulation of an anderson-type polyoxomolybdate: synthesis and in vitro cytotoxicity evaluations. Langmuir. 2021;37(21):6475-89.
5. Ramezani-Aliakbari M, Soltanabadi A, Sadeghi-aliabadi H, Varshosaz J, Yadollahi B, Hassanzadeh F, et al. Eudesmic acid-polyoxomolybdate organo-conjugate as novel anticancer agent. Journal of Molecular Structure. 2021;1240:130612.

6. Mahvash S, Zavareh VA, Taymouri S, Ramezani-Aliakbari M, Dousti F, Mirian M, et al. Hybrid Nanocomposite of Imidazolium Based Chitosan and Anderson-type Manganese Polyoxomolybdate for Boosting Drug Delivery Against Breast Cancer. 2023: (just acceptrd).
7. Hosseini MS, Haghjooy Javanmard S, Dana N, Rafiee L, Rostami M. Novel tocopherol succinate-polyoxomolybdate bioconjugate as potential anti-cancer agent. Journal of Inorganic and Organometallic Polymers and Materials. 2021;31(7):3183-95.
8. Fatemeh Dousti MS, Mina Mirian, Jaleh Varshosaz, Farshid Hassanzadeh, Yaser Kasesaz, Mahboubeh Rostami *. Boron phenyl alanine targeted ionic liquid decorated chitosan nanoparticles for mitoxantrone delivery to glioma cell line. Pharm Dev Technol. 2021.
9. Farhady S, Kobarfard F, Saghaei L, Rostami M. Synthesis and Antiplatelet Activity Evaluation of a Group of Novel Ethyl Acetoacetate Phenylhydrazone Derivatives. Iranian Journal of Pharmaceutical Research: IJPR. 2021;20(2):307.
10. Asadi P, Alvani M, Hajhashemi V, Rostami M, Khodarahmi G. Design, synthesis, biological evaluation, and molecular docking study on triazine based derivatives as anti-inflammatory agents. Journal of Molecular Structure. 2021;1243:130760.
11. Zare A, Mirzaei M, Rostami M, Jafari E. Photosensitization of phthalocyanine for singlet oxygen generation in photodynamic therapy applications. Journal of Medicinal and Chemical Sciences. 2020;3(1):55-9.
12. Satari N, Taymouri S, Varshosaz J, Rostami M, Mirian M. Preparation and evaluation of inhalable dry powder containing glucosamine-conjugated gefitinib SLNs for lung cancer therapy. Drug Development and Industrial Pharmacy. 2020;46(8):1265-77.
13. Nasehi N, Varshosaz J, Taymouri S, Rostami M, Akbari V, Firoozpour L. Sorafenib loaded pluronic F127-lithocholic acid micelles for prostate cancer therapy: Formulation, optimization, and in vitro evaluation against LNCaP cells. International Journal of Polymeric Materials and Polymeric Biomaterials. 2020;69(3):158-72.
14. Najmafshar A, Rostami M, Varshosaz J, Norouzian D, Samsam Shariat SZA. Enhanced antitumor activity of bovine lactoferrin through immobilization onto functionalized nano graphene oxide: an in vitro/in vivo study. Drug delivery. 2020;27(1):1236-47.
15. Hosseini MS, Javanmard SH, Rafiei L, Hariri AA, Dana N, Rostami M. Anti-Cancer Activity of Biotin-Polyoxomolybdate Bioconjugate. EJMO. 2020;4(1):42.
16. Bidram Z, Sirous H, Khodarahmi GA, Hassanzadeh F, Dana N, Hariri AA, et al. Monastrol derivatives: in silico and in vitro cytotoxicity assessments. Research in Pharmaceutical Sciences. 2020;15(3):249.

17. Varshosaz J, Sadri F, Rostami M, Mirian M, Taymouri S. Synthesis of pectin-deoxycholic acid conjugate for targeted delivery of anticancer drugs in hepatocellular carcinoma. International journal of biological macromolecules. 2019;139:665-77.
18. Varshosaz J, Raghami F, Rostami M, Jahanian A. PEGylated trimethylchitosan emulsomes conjugated to octreotide for targeted delivery of sorafenib to hepatocellular carcinoma cells of HepG2. Journal of liposome research. 2019;29(4):383-98.
19. Taymouri S, Alem M, Varshosaz J, Rostami M, Akbari V, Firoozpour L. Biotin decorated sunitinib loaded nanostructured lipid carriers for tumor targeted chemotherapy of lung cancer. Journal of Drug Delivery Science and Technology. 2019;50:237-47.
20. Sobhani T, Shahbazi-Gahrouei D, Rostami M, Zahraei M, Farzadniya A. Assessment of manganese-zinc ferrite nanoparticles as a novel magnetic resonance imaging contrast agent for the detection of 4T1 breast cancer cells. Journal of Medical Signals and Sensors. 2019;9(4):245.
21. Tafazoli S, Rafiemanzelat F, Hassanzadeh F, Rostami M. Synthesis and characterization of novel biodegradable water dispersed poly (ether-urethane) s and their MWCNT-AS nanocomposites functionalized with aspartic acid as dispersing agent. Iranian Polymer Journal. 2018;27(10):755-74.
22. Sadeghian-Rizi S, Khodarahmi G, Sakhteman A, Jahanian-Najafabadi A, Rostami M, Mirzaei M, et al. Synthesis and characterization of some novel diaryl urea derivatives bearing quinoxalindione moiety. Research in Pharmaceutical Sciences. 2018;13(1):82.
23. Rezazadeh M, Jafari N, Akbari V, Amirian M, Tabbakhian M, Minaiyan M, et al. A mucoadhesive thermosensitive hydrogel containing erythropoietin as a potential treatment in oral mucositis: in vitro and in vivo studies. Drug delivery and translational research. 2018;8(5):1226-37.
24. Hassanzadeh F, Sadeghi H, Varshosaz J, Nikbakht Kashkooli H, Rostami M. Assessment of Chitosan Modified Nanoparticles, as Boron Carriers in BNCT. Journal of Mazandaran University of Medical Sciences. 2018;27(156):187-93.
25. Hassanzadeh F, Mehdifar M, Varshosaz J, Khodarahmi GA, Rostami M. Folic acid targeted polymeric micelles based on tocopherol succinate-pulluan as an effective carrier for Epirubicin: preparation, characterization and in-vitro cytotoxicity assessment. Current Drug Delivery. 2018;15(2):235-46.
26. Hassanzadeh F, Mahmoudi E, Varshosaz J, Khodarahmi GA, Rostami M, Ghanadian M, et al. Novel NGR anchored pullulan micelles for controlled and targeted delivery of doxorubicin to HeLa cancerous cells. Iranian Polymer Journal. 2018;27(4):263-74.
27. Emami J, Rezazadeh M, Mashayekhi M, Rostami M, Jahanian-Najafabadi A. A novel mixed polymeric micelle for co-delivery of paclitaxel and retinoic acid

and overcoming multidrug resistance: synthesis, characterization, cytotoxicity, and pharmacokinetic evaluation. Drug development and industrial pharmacy. 2018;44(5):729-40.
28. Emami J, Maghzi P, Hasanzadeh F, Sadeghi H, Mirian M, Rostami M. PLGA-PEG-RA-based polymeric micelles for tumor targeted delivery of irinotecan. Pharmaceutical development and technology. 2018;23(1):41-54.
29. Varshosaz J, Khabbazian E, Hassanzadeh F, Aliabadi HS, Rostami M, Taymouri S. Synthesis of biotin-targeted chitosan/poly (methyl vinyl ether-alt-maleic acid) copolymeric micelles for delivery of doxorubicin. IET nanobiotechnology. 2017;11(7):843-51.
30. Sadeghian-Rizi S, Khodarahmi GA, Sakhteman A, Jahanian-Najafabadi A, Rostami M, Mirzaei M, et al. Biological evaluation, docking and molecular dynamic simulation of some novel diaryl urea derivatives bearing quinoxalindione moiety. Research in Pharmaceutical Sciences. 2017;12(6):500.
31. Rezazadeh M, Emami J, Hassanzadeh F, Sadeghi H, Rostami M, Mohammadkhani H. Targeted nanostructured lipid carriers for delivery of paclitaxel to cancer cells: preparation, characterization, and cell toxicity. Current Drug Delivery. 2017;14(8):1189-200.
32. Nasab RR, Hassanzadeh F, Khodarahmi GA, Rostami M, Mirzaei M, Jahanian-Najafabadi A, et al. Docking study, synthesis and antimicrobial evaluation of some novel 4-anilinoquinazoline derivatives. Research in pharmaceutical sciences. 2017;12(5):425.
33. Nasab RR, Hassanzadeh F, Khodarahmi GA, Mirzaei M, Rostami M. Synthesis, characterization, cytotoxic screening, and density functional theory studies of new derivatives of quinazolin-4 (3H)-one Schiff bases. Research in Pharmaceutical Sciences. 2017;12(6):444.
34. Hassanzadeh F, Farzan M, Varshosaz J, Khodarahmi GA, Maaleki S, Rostami M. Poly (ethylene-co-vinyl alcohol)-based polymeric thermo-responsive nanocarriers for controlled delivery of epirubicin to hepatocellular carcinoma. Research in Pharmaceutical Sciences. 2017;12(2):107.
35. Rezazadeh M, Emami J, Hasanzadeh F, Sadeghi H, Minaiyan M, Mostafavi A, et al. In vivo pharmacokinetics, biodistribution and anti-tumor effect of paclitaxel-loaded targeted chitosan-based polymeric micelle. Drug delivery. 2016;23(5):1707-17.
36. Hassanzadeh F, Varshosaz J, Khodarahmi G, Rostami M, Hassanzadeh F. Biotin-encoded pullulan-retinoic acid engineered nanomicelles: Preparation, optimization and in vitro cytotoxicity assessment in MCF-7 cells. Indian Journal of Pharmaceutical Sciences. 2016;78(5):557-65.
37. Hassanzadeh F, Maaleki S, Varshosaz J, Khodarahmi GA, Farzan M, Rostami M. Thermosensitive folic acid-targeted poly (ethylene-co-vinyl alcohol)

hemisuccinate polymeric nanoparticles for delivery of epirubicin to breast cancer cells. Iranian Polymer Journal. 2016;25(11):967-76.
38. Zahraei M, Monshi A, Shahbazi-Gahrouei D, Amirnasr M, Behdadfar B, Rostami M. Synthesis and characterization of chitosan coated manganese zinc ferrite nanoparticles as MRI contrast agents. Journal of Nanostructures. 2015;5(2):77-86.
39. Varshosaz J, Taymouri S, Hassanzadeh F, Javanmard SH, Rostami M. Self-assembly micelles with lipid core of cholesterol for docetaxel delivery to B16F10 melanoma and HepG2 cells. Journal of Liposome Research. 2015;25(2):157-65.
40. Varshosaz J, Taymouri S, Hassanzadeh F, Haghjooy Javanmard S, Rostami M. Folated synperonic-cholesteryl hemisuccinate polymeric micelles for the targeted delivery of docetaxel in melanoma. BioMed research international. 2015;2015.
41. Varshosaz J, Hassanzadeh F, Mardani A, Rostami M. Feasibility of haloperidol-anchored albumin nanoparticles loaded with doxorubicin as dry powder inhaler for pulmonary delivery. Pharmaceutical development and technology. 2015;20(2):183-96.
42. Samani Ghaleh Taki B, Rostami M, Mirkhani V, Moghadam M, Mohammadpoor-Baltork I, Tangestaninejad S, et al. Catalyst-Free and Green Synthesis of Some Novel Benzamide Derivatives. Journal of Heterocyclic Chemistry. 2015;52(6):1848-57.
43. Rostami M, Sirous H, Zabihollahi R, Aghasadeghi MR, Sadat SM, Namazi R, et al. Design, synthesis and anti-HIV-1 evaluation of a series of 5-hydroxypyridine-4-one derivatives as possible integrase inhibitors. Medicinal Chemistry Research. 2015;24(12):4113-27.
44. Rostami M, Rafiee L, Hassanzadeh F, Dadrass AR, Khodarahmi GA. Synthesis of some new porphyrins and their metalloderivatives as potential sensitizers in photo-dynamic therapy. Research in Pharmaceutical Sciences. 2015;10(6):504.
45. Rezazadeh M, Emami J, Mostafavi A, Rostami M, Hassanzadeh F, Sadeghi H, et al. A Rapid and Sensitive HPLC Method for Quantitation of Paclitaxel in Biological Samples using Liquid-Liquid Extraction and UV Detection: Application to Pharmacokinetics and Tissues Distribution Study of Paclitaxel Loaded Targeted Polymeric Micelles in. Journal of Pharmacy & Pharmaceutical Sciences. 2015;18(5):647-60.
46. Fattahi A, Asgarshamsi M, Hasanzadeh F, Varshosaz J, Rostami M, Mirian M, et al. Methotrexate-grafted-oligochitosan micelles as drug carriers: synthesis and biological evaluations. Journal of Materials Science: Materials in Medicine. 2015;26(2):1-10.
47. Emami J, Rezazadeh M, Rostami M, Hassanzadeh F, Sadeghi H, Mostafavi A, et al. Co-delivery of paclitaxel and α-tocopherol succinate by novel chitosan-

based polymeric micelles for improving micellar stability and efficacious combination therapy. Drug development and industrial pharmacy. 2015;41(7):1137-47.
48. Emami J, Rezazadeh M, Hasanzadeh F, Sadeghi H, Mostafavi A, Minaiyan M, et al. Development and in vitro/in vivo evaluation of a novel targeted polymeric micelle for delivery of paclitaxel. International journal of biological macromolecules. 2015;80:29-40.
49. Varshosaz J, Hassanzadeh F, Sadeghi-Aliabadi H, Larian Z, Rostami M. Synthesis of Pluronic® F127-poly (methyl vinyl ether-alt-maleic acid) copolymer and production of its micelles for doxorubicin delivery in breast cancer. Chemical Engineering Journal. 2014;240:133-46.
50. Varshosaz J, Hassanzadeh F, Sadeghi Aliabadi H, Nayebsadrian M, Banitalebi M, Rostami M. Synthesis and characterization of folate-targeted dextran/retinoic acid micelles for doxorubicin delivery in acute leukemia. BioMed research international. 2014;2014.
51. Varshosaz J, Hassanzadeh F, Aliabadi HS, Banitalebi M, Rostami M, Nayebsadrian M. Novel worm-like amphiphilic micelles of folate-targeted cyclodextrin/retinoic acid for delivery of doxorubicin in KG-1 cells. Colloid and Polymer Science. 2014;292(10):2647-62.
52. Rostami M, Khosropour AR, Mirkhani V, Mohammadpoor-Baltork I, Moghadam M, Tangestaninejad S. [C6 (MIm) 2] 2W10O32 catalyzed efficient one-pot pseudo-four component synthesis of AT-130 analogues under microwave irradiations. Journal of the Iranian Chemical Society. 2014;11(5):1493-501.
53. Varshosaz J, Hassanzadeh F, Sadeghi H, Ghelich Khan Z, Rostami M. Retinoic acid decorated albumin-chitosan nanoparticles for targeted delivery of doxorubicin hydrochloride in hepatocellular carcinoma. Journal of Nanomaterials. 2013;2013.
54. Samani Ghaleh Taki B, Mirkhani V, Mohammadpoor-Baltork I, Moghadam M, Tangestaninejad S, Rostami M, et al. Synthesis and characterization of nano silica supported tungstophosphoric acid: an efficient, reusable heterogeneous catalyst for the synthesis of azlactones. Journal of Inorganic and Organometallic Polymers and Materials. 2013;23(3):758-65.
55. Saghaie MML, Fassihi A, Movahedian-Attar A, Sadeghi A, Rostami M. Synthesis and antioxidant evaluation of novel schiff base derivatives of 3-hydroxy-pyridine-4-one containing hydrazone and oxime moiety at C-6 position of the pyridinone ring. Research in Pharmaceutical Sciences. 2012;7(5):573.
56. Sabet R, Behjati M, Vahabpour R, Memarnejadian A, Rostami M, Fassihi A, et al. Iron chelation afforded cardioprotection against H2O2-induced H9C2 cell injury: Application of novel 3-hydroxy pyridine-4-one derivatives. International journal of cardiology. 2012;162(1):60-3.

57. Nayebsadrian M, Varshosaz J, Hassanzadeh F, Sadeghi H, Banitalebi M, Rostami M. Screening the most effective variables on physical properties of folate-targeted dextran/retinoic acid micelles by taguchi design. Journal of Nanomaterials. 2012;2012.
58. Mohammadpour M, Sadeghi A, Fassihi A, Saghaei L, Movahedian A, Rostami M. Synthesis and antioxidant evaluation of some novel ortho-hydroxypyridine-4-one iron chelators. Research in pharmaceutical sciences. 2012;7(3):171.
59. Mardani A, Varshosaz J, Hassanzadeh F, Rostami M. Preparation and characterization of inhalable and targeted nanocomposite particles of doxorubicin for treatment of lung cancer. Research in Pharmaceutical Sciences. 2012;7(5):289.
60. Mansouri M, Movahedian A, Rostami M, Fassihi A. Synthesis and antioxidant evaluation of 4-(furan-2-yl)-6-methyl-2-thioxo-1, 2, 3, 4-tetrahydropyrimidine-5-carboxylate esters. Research in pharmaceutical sciences. 2012;7(4):257.
61. Larian Z, Varshosaz J, Hassanzadeh F, Rostami M. Synthesis of poly (methy vinyl ether-alt-maleic acid)/Pluronic F127 co-polymer used in drug delivery. Research in Pharmaceutical Sciences. 2012;7(5):621.
62. Hassanzadeh F, Rostami M. Application of chemical analysis methods in characterization of drug delivery systems and determination of degree of substitution. Research in Pharmaceutical Sciences. 2012;7(5):1039.
63. Rostami M, Khosropour AR, Mirkhani V, Mohammadpoor-Baltork I, Moghadam M, Tangestaninejad S. [C6 (MIm) 2] 2W10O32. 2H2O: A novel and powerful catalyst for the synthesis of 4-arylidene-2-phenyl-5 (4)-oxazolones under ultrasonic condition. Comptes Rendus Chimie. 2011;14(10):869-77.
64. Rostami M, Khosropour AR, Mirkhani V, Mohammadpoor-Baltork I, Moghadam M, Tangestaninejad S. An Efficient, Simple, and Scaleable Domino Reaction to Diverse N-(1-Oxo-1H-inden-2-yl) benzamides Catalyzed by HPW@ nano-SiO2 under Microwave Irradiation. Synlett. 2011;2011(12):1677-82.
65. Rostami M, Khosropour AR, Mirkhani V, Mohammadpoor-Baltork I, Moghadam M, Tangestaninejad S. Novel and chemoselective one-pot synthesis of 4-arylidene-2-phenyl-5 (4H)-oxazolones starting from benzyl alcohols promoted by [(C14H24N4) 2W10O32]-[bmim] NO3. Monatshefte für Chemie-Chemical Monthly. 2011;142(11):1175-80.
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68. Rostami M, Khosropour A, Mirkhani V, Moghadam M, Tangestaninejad S, Mohammadpoor-Baltork I. Organic–inorganic hybrid polyoxometalates: Efficient, heterogeneous and reusable catalysts for solvent-free synthesis of azlactones. Applied Catalysis A: General. 2011;397(1-2):27-34.
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73. Shirani S, Varshosaz J, Rostami M, Mirian M. Redox responsive polymeric micelles of gellan gum/abietic acid for targeted delivery of ribociclib. International Journal of Biological Macromolecules. 2022;215:334-45.
74. Ramezani-Aliakbari M, Varshosaz J, Mirian M, Khodarahmi G, Rostami M. pH-responsive glucosamine anchored polydopamine coated mesoporous silica nanoparticles for delivery of Anderson-type polyoxomolybdate in breast cancer. Journal of Microencapsulation. 2022;39(5):433-51.
75. Rafiemanzelat F, Tafazoli S, Hairi AA, Varshosaz J, Mirian M, Khodarahmi G, et al. Peptide-based pegylated polyurethane nanoparticles for paclitaxel delivery in HeLa cancer cells: the art of the architecture design in nanocarriers. Polymer Bulletin. 2022:1-39.
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82. Varshosaz J, Khabbazian E, Hassanzadeh F, Sadeghi Aliabadi H, Rostami M, Taymouri S. Synthesis of biotin-targeted chitosan/poly (methyl vinyl ether-alt-maleic acid) copolymeric micelles for delivery of doxorubicin. IET nanobiotechnology. 2017;11(7):843-51.
83. Mohammadpour M, Sadeghi A, Fassihi A, Saghaei L, Movahedian A, Rostami M. Synthesis and antioxidant evaluation of some novel orthohydroxypyridine-4-one iron chelators. 2012.