2019 | Volume Volume - 4 - Issue Issue - 1

In this issue

Research Article

Open Access Research Article PTZAID:ABSE-4-110

Peg-based temperature sensitive nanoparticle synthesis and their use in protein adsorption

Published On: December 31, 2018 | Pages: 021 - 024

Author(s): Guldem Utkan*

In this study, temperature sensitive polymeric nanoparticles were prepared by emulsifier free emulsion polymerization. N-isopropylacrylamide (NIPA) has been used as main monomer to give temperature sensitivity and poly(ethyleneglycol) ethyl ether methacrylate (PEG-EEM) has been added to recipes as comonomer to aid in particle formation. The effect of NIPA, PEG-EEM and ...

Abstract View Full Article View DOI: 10.17352/abse.000010

Open Access Research Article PTZAID:ABSE-4-109

Microwave Irradiated and Conventional Synthesis, Antibacterial Activity Evaluation Studies of Tryptamine-Azole-Fluoroquinolone Conjugates

Published On: December 21, 2018 | Pages: 010 - 020

Author(s): Yldz Uygun Cebeci1, Serap Basoglu Özdemir1, Ahmet Demirbas1, Neslihan Demirbas* and Sengül Alpay Karaoglu

Tryptamine was converted to the corresponding 1,2,4-triazole, 1,3,4-oxadiazole, 5-oxo-1,3-thia(oxa)zolidine and 5-(4-chlorophenyl)-1,3-thia(oxa)zole derivatives via several steps. 1,3,4-oxadiazole and 1,2,4-triazoles were then converted to the corresponding Mannich bases containing fluroquinolone core using a one-pot three-components procedure. Conventional and microw ...

Abstract View Full Article View DOI: 10.17352/abse.000009

Review Article

Open Access Review Article PTZAID:ABSE-4-108

Deep Brain Stimulation (DBS) and Spinal Cord Stimulation (SCS) – Ethical considerations in the use of Implants and Bio-Medical responsibility at manufacture

Published On: April 02, 2018 | Pages: 001 - 009

Author(s): ref *

Here in this brief we take a quick look into the use of certain biomedical devices and their benefits. At the same time, it is suggested that there are questionable practices by manufacturers, which raise concerns about corporate mores in general and around Ethics. ...

Abstract View | Full Article View | DOI: 10.17352/pjbe.000008