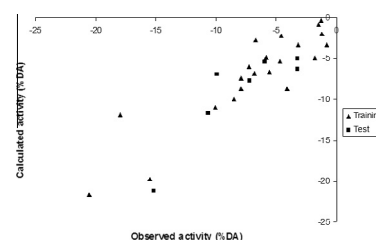


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Combined experimental and in silico approaches for exploring antiperoxidative potential of structurally diverse classes of antioxidants on docetaxel-induced lipid peroxidation using 4-HNE as the model marker

pp 1–7

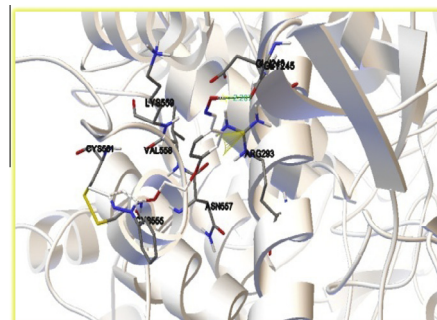
Partha Pratim Roy, Sarbani Dey Ray and Supratim Ray*



Synthesis, biological evaluation and molecular modeling study of pyrazole derivatives as selective COX-2 inhibitors and anti-inflammatory agents

pp 8–15

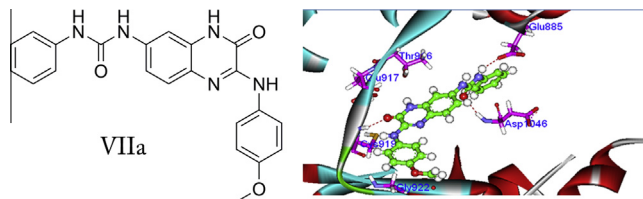
Ashish Kumar Tewari,* Ved Prakash Singh, Pratima Yadav, Garima Gupta, Amit Singh, Raj Kumar Goel, Pravin Shinde and C. Gopi Mohan



Design, synthesis and biological evaluation of type-II VEGFR-2 inhibitors based on quinoxaline scaffold

pp 16–26

Mai I. Shahin, Dalal A. Abou El Ella, Nasser S.M. Ismail and Khaled A.M. Abouzid*

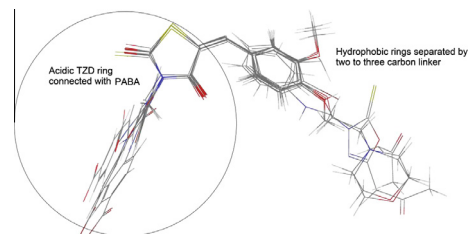


Compound VIIa in the VEGFR-2 binding site.

Design, synthesis and glucose uptake activity of some novel glitazones

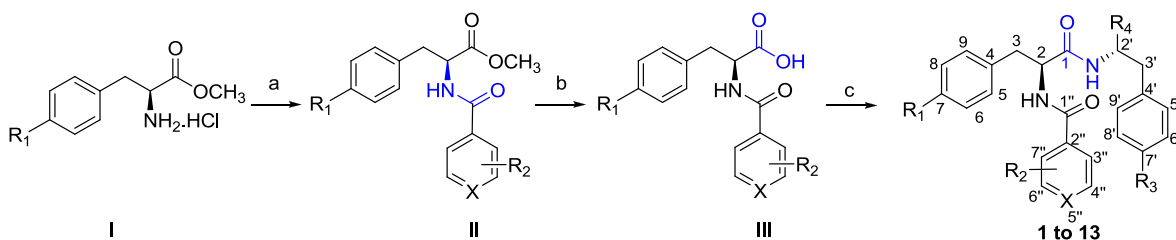
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Koyel Kar, Uma Krithika, Mithuna, Prabhuddha Basu, S. Santhosh Kumar, Anu Reji and B.R. Prashantha Kumar*

**Synthesis and anti-tumor activity evaluation of Matijin-Su derivatives**

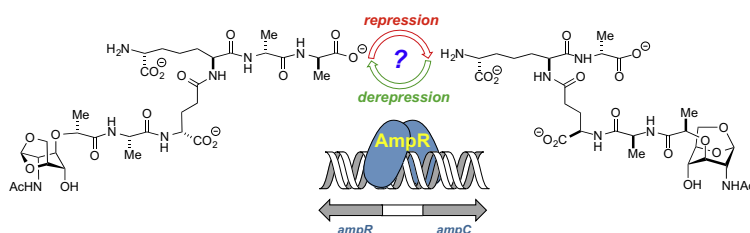
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Bixue Xu, Ning Wang, Weidong Pan, Jingying Qiu, Peixue Cao, Meifen Zhu, Yibin Feng* and Guangyi Liang*

**The sentinel role of peptidoglycan recycling in the β -lactam resistance of the Gram-negative *Enterobacteriaceae* and *Pseudomonas aeruginosa***

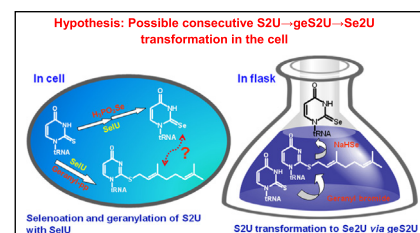
pp 41–48

Jed F. Fisher* and Shahriar Mobashery*

**Transformation of a wobble 2-thiouridine to 2-selenouridine via S-geranyl-2-thiouridine as a possible cellular pathway**

pp 49–53

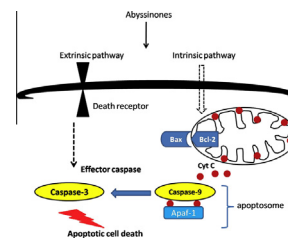
Paulina Bartos, Anna Maciaszek, Anna Rosinska, Elzbieta Sochacka and Barbara Nawrot*



Synthetic racemates of abyssinone I and II induces apoptosis through mitochondrial pathway in human cervix carcinoma cells

pp 54–61

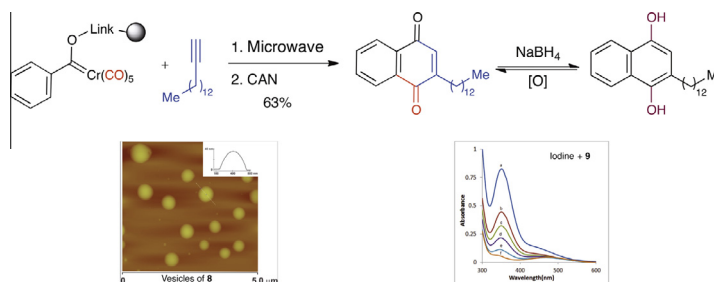
Krishna Kumar L. Samaga, Gudapati Venkateshwara Rao, G. Chandrashekara Reddy, Anil Kumar Kush and Latha Diwakar*



Solid-phase organic synthesis of 2-tridecanyl-1,4-naphthoquinone and 2-tridecanyl-1,4-naphthodiol that form redox-active micelles and vesicles

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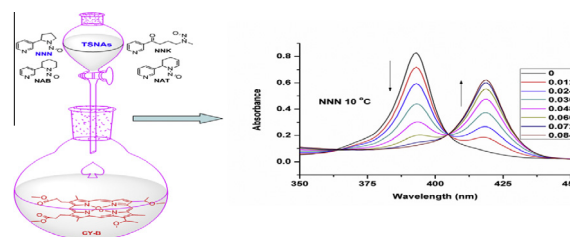
Alejandro Bugarin,* Luis E. Martinez, Peter Cooke, Tadiqul Islam and Juan C. Noveron



The interaction of a cobalt porphyrin with cancer-associated nitrosamines

pp 67–74

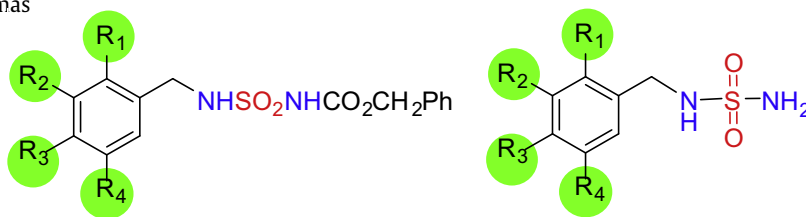
Feiyan Tao, Ya Dai,* Changguo Wang, Guanglin Feng, Dongliang Li, Kuoyan Ma, Lijun Zhu, Lanlan Tan and Xiaoqi Yu*



Carbonic anhydrase inhibitory properties of novel benzylsulfamides using molecular modeling and experimental studies

pp 75–82

Süleyman Göksu,* Ali Naderi, Yusuf Akbaba, Pınar Kalın, Akın Akıncıoğlu, İlhami Gülçin, Serdar Durdagi and Ramin Ekhteiari Salmas



R₁=OMe, R₂=R₃=R₄=H
 R₂=OMe, R₁=R₃=R₄=H
 R₃=OMe, R₁=R₃=R₄=H
 R₁=R₃=OMe, R₂=R₄=H
 R₂=R₄=OMe, R₁=R₃=H
 R₂=R₃=R₄=OMe, R₁=H

**Corrigendum to “Analysis of claims of enhanced enzyme catalysis by inorganic colloidosomes”
[*Bioorg. Chem.* 49C (2013) 59–60]**

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Ronald Kluger*

*Corresponding author