



## European Journal of Medicinal Chemistry Vol 64, 2013

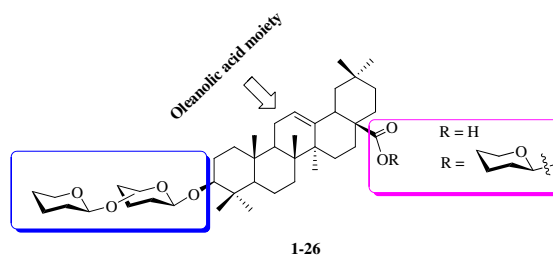
## Contents

## ORIGINAL ARTICLES

**Synthesis and antitumor activities of naturally occurring oleanolic acid triterpenoid saponins and their derivatives**

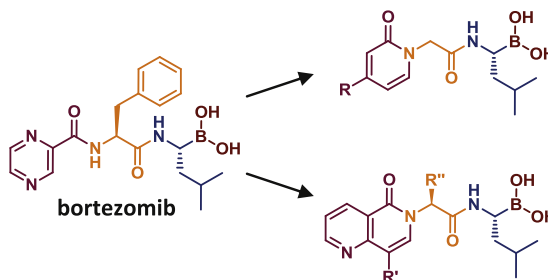
pp. 1–15

Qingchao Liu, Hongchun Liu, Lei Zhang, Tiantian Guo, Peng Wang, Meiyu Geng and Yingxia Li\*

Cytotoxic activities IC<sub>50</sub> values between 3.2–12.9  $\mu$ M**Development of peptidomimetic boronates as proteasome inhibitors**

pp. 23–34

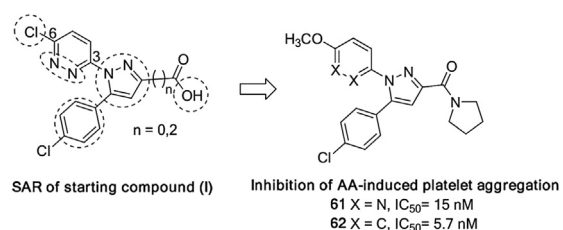
Nicola Micale\*, Roberta Ettari, Antonio Lavecchia, Carmen Di Giovanni, Kety Scarbaci, Valeria Troiano, Silvana Grasso, Ettore Novellino, Tanja Schirmeister and Maria Zappalà

**Pyrazole derivatives as inhibitors of arachidonic acid-induced platelet aggregation**

pp. 42–53

Serkan Levent, Burcu Çalışkan, Murat Çiftçi, Yeşim Özkan, İdil Yenicesu, Hüseyin Ünver and Erden Banoglu\*

A structure–activity relationship study based on the 1,5-diarylpyrazole-3-carboxamide scaffold for inhibition of arachidonic acid-induced platelet aggregation were performed.

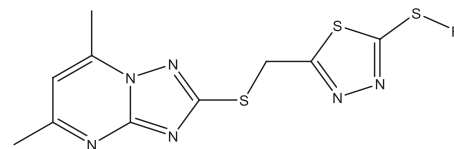


### Synthesis and antimicrobial evaluation of a novel class of 1,3,4-thiadiazole: Derivatives bearing 1,2,4-triazolo[1,5-a]pyrimidine moiety

pp. 54–61

Yin Luo, Shuai Zhang, Zhi-Jun Liu, Wu Chen, Jie Fu\*, Qing-Fu Zeng and Hai-Liang Zhu\*

New 1,2,4-triazolo[1,5-a]pyrimidine derivatives have been synthesized and evaluated for their antimicrobial activity. Most of them exhibited good activities and some could be comparable to positive controls.

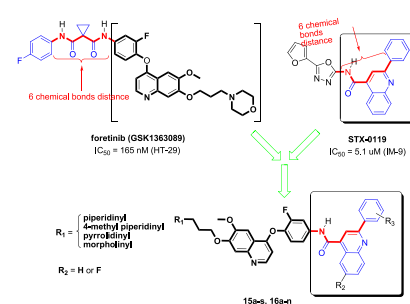


### Design, synthesis and antitumour activity of bisquinoline derivatives connected by 4-oxy-3-fluoroaniline moiety

pp. 62–73

Sai Li, Qiang Huang, Yajing Liu, Xiaolong Zhang, Shuang Liu, Chao He and Ping Gong\*

A series of bisquinoline derivatives connected by 4-oxy-3-fluoroaniline moiety were synthesized and evaluated for their cytotoxic activities. Six potent compounds were further examined for their c-Met kinase activity.

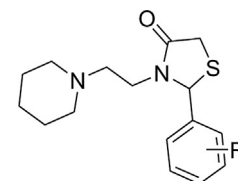


### Synthesis, antifungal and cytotoxic activities of 2-aryl-3-((piperidin-1-yl)ethyl)thiazolidinones

pp. 74–80

Alice Kunzler, Patrícia D. Neuenfeldt, Adriana M. das Neves, Claudio M.P. Pereira, Gabriela H. Marques, Patrícia S. Nascente, Maureen H.V. Fernandes, Silvia O. Hübner and Wilson Cunico\*

The studies of synthesis, antifungal and cytotoxic activities of 2-aryl-3-((piperidin-1-yl)ethyl)thiazolidinones are reported.

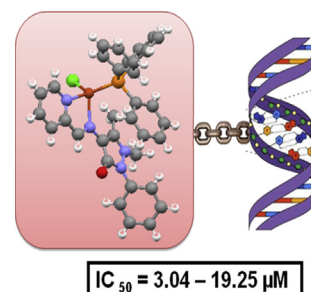


### Designing, structural elucidation, comparison of DNA binding, cleavage, radical scavenging activity and anticancer activity of copper(I) complex with 5-dimethyl-2-phenyl-4-[(pyridin-2-ylmethylene)-amino]-1,2-dihydro-pyrazol-3-one Schiff base ligand

pp. 81–89

Subbaiyan Sathiyaraj, Krishnan Sampath, Ray J. Butcher, Raghavaiah Pallepogu and Chinnasamy Jayabalakrishnan\*

The Schiff base ligand and copper(I) complex were synthesized and characterized crystallographically. Further, the compounds were evaluated for their pharmacological properties.



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