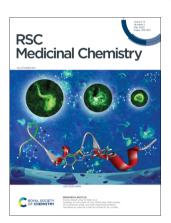
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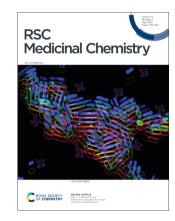
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ISSN 2632-8682 CODEN RMCSCX 14(5) 793-994 (2023)



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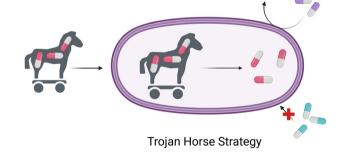


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REVIEWS

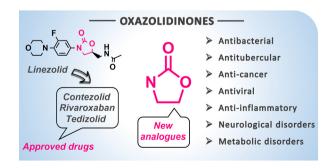
Siderophore conjugates to combat antibioticresistant bacteria

Beth Rayner, Anthony D. Verderosa, Vito Ferro and Mark A. T. Blaskovich*



Oxazolidinones as versatile scaffolds in medicinal chemistry

Guilherme Felipe Santos Fernandes,* Cauê Benito Scarim, Seong-Heun Kim, Jingyue Wu and Daniele Castagnolo*



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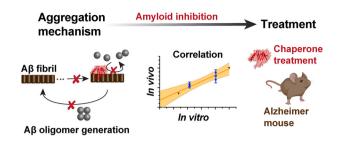


REVIEWS

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Amyloid inhibition by molecular chaperones in vitro can be translated to Alzheimer's pathology in vivo

Axel Abelein* and Jan Johansson

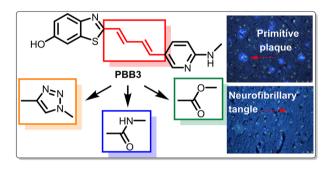


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Synthesis and structure-activity relationship (SAR) studies of 1,2,3-triazole, amide, and ester-based benzothiazole derivatives as potential molecular probes for tau protein

Hendris Wongso, Maiko Ono, Tomoteru Yamasaki, Katsushi Kumata, Makoto Higuchi, Ming-Rong Zhang, Michael J. Fulham, Andrew Katsifis* and Paul A. Keller*



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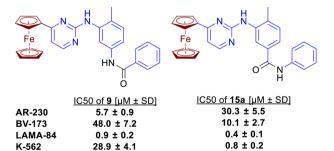
Antiproliferative activity and toxicity evaluation of 1,2,3-triazole and 4-methyl coumarin hybrids in the MCF7 breast cancer cell line

Lucas Volnei Augsten, Gabriela Göethel, Bruna Gauer, Mariele Feiffer Charão, Gilsane von Poser, Romulo F. S. Canto, Marcelo Dutra Arbo, Vera Lucia Eifler-Lima* and Solange Cristina Garcia



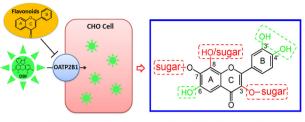
Ferrocene modified analogues of imatinib and nilotinib as potent anti-cancer agents

Irena Philipova, Rositsa Mihaylova, Georgi Momekov, Rostislava Angelova and Georgi Stavrakov*



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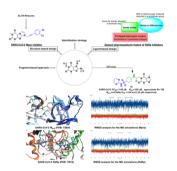
Inhibition/IC50 determination

Favorable/unfavorable features

Investigating the interactions of flavonoids with human OATP2B1: inhibition assay, IC₅₀ determination, and structure-activity relationship analysis

Taotao Peng, Shuai Liu, Ying Li, Hongjian Zhang, Bruno Hagenbuch and Chunshan Gui*

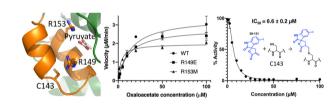
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Insights into targeting SARS-CoV-2: design, synthesis, in silico studies and antiviral evaluation of new dimethylxanthine derivatives

Abdalla R. Mohamed,* Ahmed Mostafa, Mahmoud A. El Hassab, Gomaa M. Hedeab, Sara H. Mahmoud, Riham F. George, Hanan H. Georgey, Nagwa M. Abdel Gawad and Mohamed K. El-Ashrey

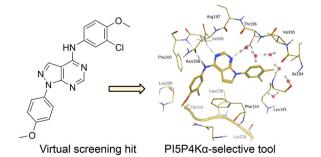
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Mycobacterium tuberculosis CitA activity is modulated by cysteine oxidation and pyruvate binding

Rasangi Pathirage, Lorenza Favrot, Cecile Petit, Melvin Yamsek, Sarbjit Singh, Jayapal Reddy Mallareddy, Sandeep Rana, Amarnath Natarajan and Donald R. Ronning*

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Identification of ARUK2002821 as an isoformselective PI5P4K α inhibitor

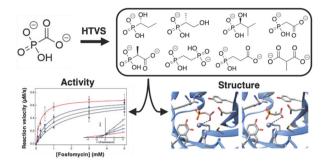
Henriëtte M. G. Willems, Simon Edwards, Helen K. Boffey, Stephen J. Chawner, Christopher Green, Tamara Romero, David Winpenny, John Skidmore, Jonathan H. Clarke and Stephen P. Andrews*

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Identification and analysis of small molecule inhibitors of FosB from Staphylococcus aureus

Skye Travis, Keith D. Green, Nishad Thamban Chandrika, Allan H. Pang, Patrick A. Frantom, Oleg V. Tsodikov, Sylvie Garneau-Tsodikova and Matthew K. Thompson*



Biological evaluation of novel amidino substituted coumarin-benzazole hybrids as promising therapeutic agents

Anja Beč, Livio Racané, Lucija Žonja, Leentje Persoons, Dirk Daelemans, Kristina Starčević, Robert Vianello and Marijana Hranjec*

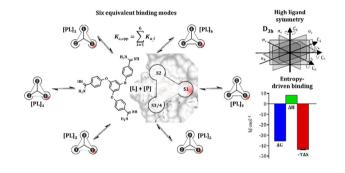
the strongest impact on the antioxidative capacity (ABTS) and antiproliferative activity

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Improving binding entropy by higher ligand symmetry? - A case study with human matriptase

Stefan J. Hammerschmidt, Hannah Maus, Annabelle C. Weldert, Michael Gütschow and Christian Kersten*



Titanium complexes affect Bacillus subtilis biofilm formation

Shahar Hayet, Mnar Ghrayeb, David N. Azulay, Zohar Shpilt, Edit Y. Tshuva* and Liraz Chai*