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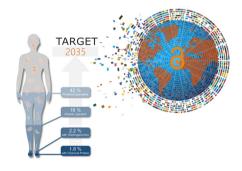


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OPINION

Target 2035 - an update on private sector contributions

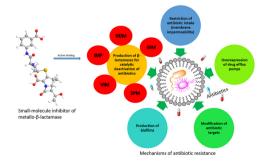
Suzanne Ackloo,* Cheryl Arrowsmith,* et al.



REVIEWS

Small-molecule inhibitors of bacterial-producing metallo-β-lactamases: insights into their resistance mechanisms and biochemical analyses of their activities

Yusuf Oloruntoyin Ayipo,* Chien Fung Chong and Mohd Nizam Mordi



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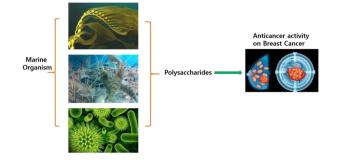


REVIEWS

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Polysaccharides from marine biological resources and their anticancer activity on breast cancer

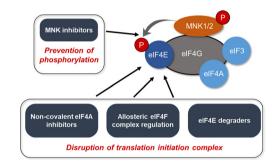
Shengfeng Yang, Dacheng Li,* Weili Liu and Xiaolin Chen



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Medicinal chemistry approaches to target the MNKelF4E axis in cancer

Ann Fernandez, Paige J. Monsen, Leonidas C. Platanias and Gary E. Schiltz*

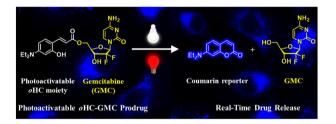


RESEARCH ARTICLES

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Visible and NIR light photoactivatable o-hydroxycinnamate system for efficient drug release with fluorescence monitoring

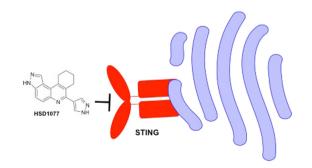
Ajay Gupta, Neelu Singh, Aryan Gautam, Neetesh Dhakar, Sunil Kumar and Pijus K. Sasmal*



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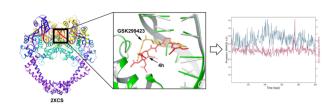
STING antagonists, synthesized via Povarov-Doebner type multicomponent reaction

Wilson W. S. Ong, Neetu Dayal, Riddhi Chaudhuri, Jones Lamptey and Herman O. Sintim*



RESEARCH ARTICLES

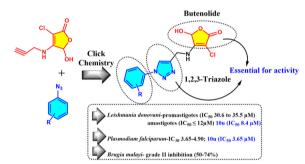
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Thiourea derivatives containing 4-arylthiazoles and D-glucose moiety: design, synthesis, antimicrobial activity evaluation, and molecular docking/ dynamics simulations

Nguyen Dinh Thanh,* Pham Hong Lan, Do Son Hai, Hoang Huu Anh, Nguyen Thi Kim Giang, Hoang Thi Kim Van, Vu Ngoc Toan, Nguyen Minh Tri and Duong Ngoc Toan

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Antileishmanial evaluation of triazole-butenolide conjugates: design, synthesis, in vitro screening, SAR and in silico ADME predictions

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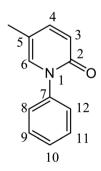
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Analytical insights into the detoxification process and characterization of a traditional metallopharmaceutical formulation

Malarvizhi K., Vedha Hari B. N., Rajalakshmi P., Devaraj S. and Ramyadevi Durai*

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Novel pirfenidone derivatives: synthesis and biological evaluation

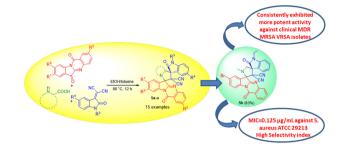
Maoling Yao, Maoru Sun, Congdi Chen, Liming Jin, Hongjun Yang,* Yong Li* and Shufan Yin

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Synthesis of tryptanthrin appended dispiropyrrolidine oxindoles and their antibacterial evaluation

Sruthi Sudheendran Leena. Abdul Akhir. Deepanshi Saxena, Rahul Maitra, Sidharth Chopra* and Ani Deepthi*



Synthesis and anti-hepatocellular carcinoma evaluation of salicylic acid-modified indole trimethoxy flavonoid derivatives

Yang Zou, Na Lu, Xiaoyan Yang, Zhizhong Xie, Xiaoyong Lei, Xingyun Liu, Yong Li, Sheng Huang, Guotao Tang* and Zhe Wang*



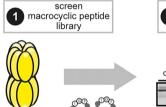
Flavonoid activity: inhibition of glycolysis Trimethoxyphenyl: common group of vascular blockers

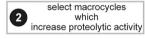
- IC₅₀ = 3.11 ± 0.35 µM SMMC-7721 cells
- Inhibit cell colony, block cell cycle and promote cell apoptosis
- Inhibit glycolytic rate-limiting enzyme, VEGF, tubulin

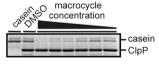
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Identification of macrocyclic peptides which activate bacterial cylindrical proteases

Raoul Walther, Linda M. Westermann, Sheiliza Carmali, Sophie E. Jackson, Heike Brötz-Oesterhelt* and David R. Spring*







Detection of intact vancomycin-arginine as the active antibacterial conjugate in E. coli by wholecell solid-state NMR

Sabrina H. Werby, Jasna Brčić, Madeline B. Chosy, Jiuzhi Sun, Jacob T. Rendell, Lewis F. Neville, Paul A. Wender* and Lynette Cegelski*

