

# RSC Medicinal Chemistry

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See Jenny-Lee Panayides, Darren Lyall Riley *et al.*, pp. 3286-3344.  
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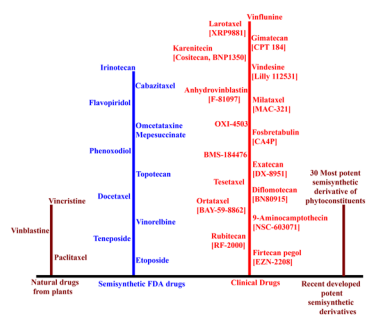


## REVIEWS

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**Semisynthetic phytochemicals in cancer treatment: a medicinal chemistry perspective**

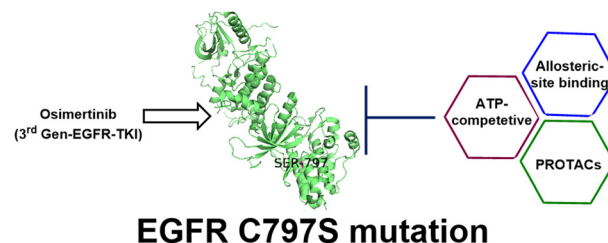
Meghna Arora, Ankit Kumar Singh, Adarsh Kumar, Harshwardhan Singh, Prateek Pathak, Maria Grishina, Jagat Pal Yadav, Amita Verma and Pradeep Kumar\*



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**Next-generation EGFR tyrosine kinase inhibitors to overcome C797S mutation in non-small cell lung cancer (2019–2024)**

Debasis Das,\* Lingzhi Xie and Jian Hong

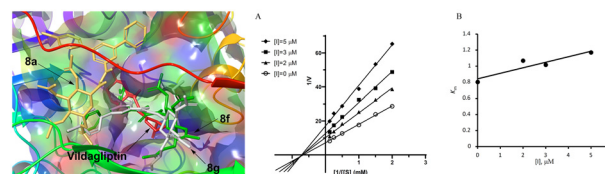


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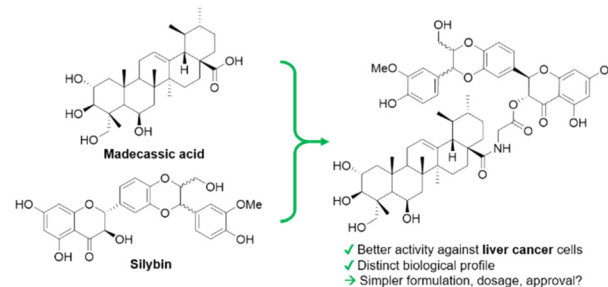
Vu Ngoc Toan, Do Son Hai, Hoang Thi Kim Van, Nguyen Minh Tri, Duong Ngoc Toan, Nguyen Thi Thanh Mai and Nguyen Dinh Thanh\*



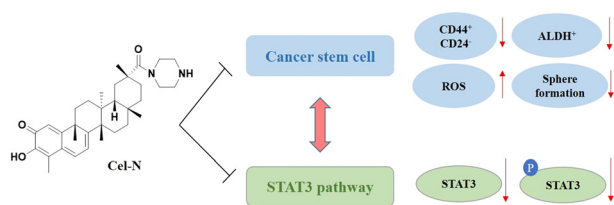
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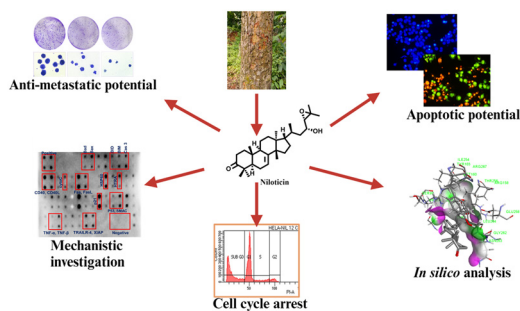
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### Synthesis of a celastrol derivative as a cancer stem cell inhibitor through regulation of the STAT3 pathway for treatment of ovarian cancer

Meijuan Liu, Na Li, Zhaoxue Wang, Shuo Wang, Shaoda Ren\* and Xiaojing Li\*

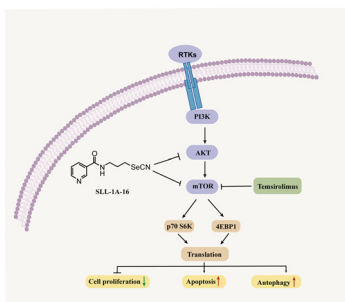
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### A comprehensive apoptotic assessment of niloticin in cervical cancer cells: a tirucallane-type triterpenoid from *Aphanamixis polystachya* (Wall.) Parker

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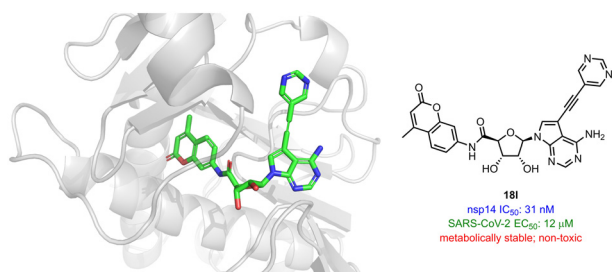
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### SLL-1A-16 suppresses proliferation and induces autophagy in non-small-cell lung cancer cells via the AKT/mTOR signaling pathway

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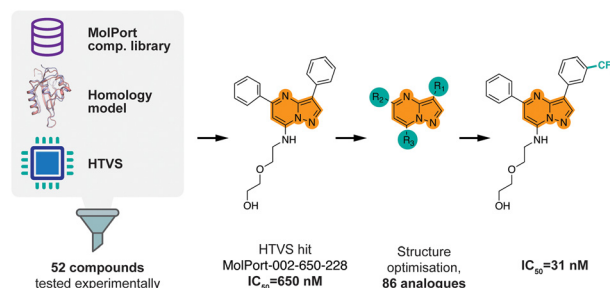
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### Discovery and optimisation of pyrazolo[1,5-a]pyrimidines as aryl hydrocarbon receptor antagonists

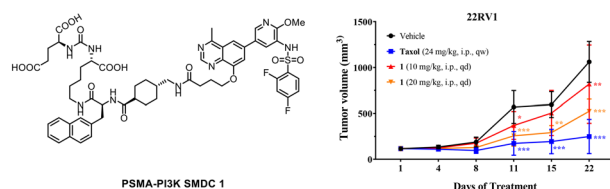
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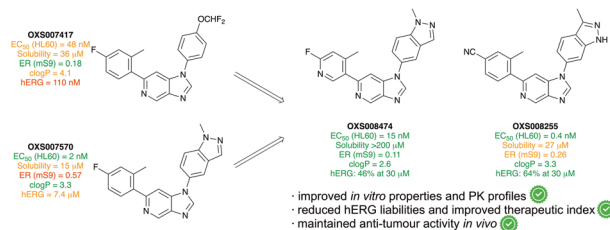
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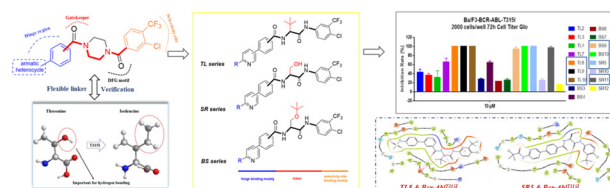
Thomas J. Cogswell, Laia Josa-Culleré, David Zimmer, Sébastien R. G. Galan, Morgan Jay-Smith, Kate S. Harris, Carole J. R. Bataille, Thomas R. Jackson, Douzi Zhang, Stephen G. Davies, Pares Vyas, Thomas A. Milne, Graham M. Wynne and Angela J. Russell\*



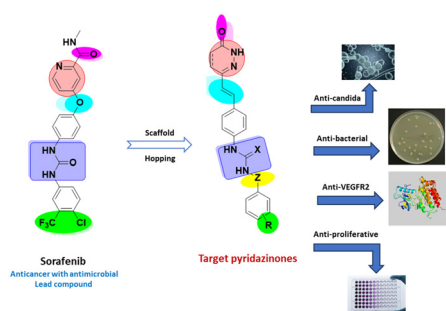
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Yuying Liu, Zeyu Yang, Jie Zhang, Na Guo, Nanxin Liu, Qingqing Zhang, Xintao Dang, Yanchen Li, Jie Zhang and Xiaoyan Pan\*



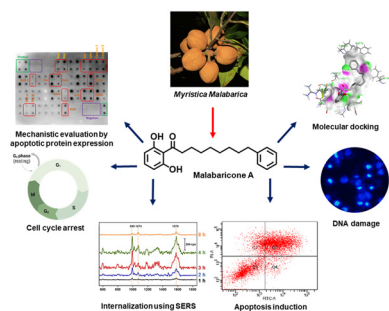
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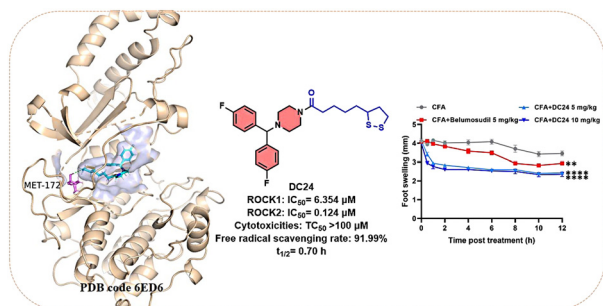
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### Exploring apoptotic induction of malabaricone A in triple-negative breast cancer cells: an acylphenol phyto-entity isolated from the fruit rind of *Myristica malabarica* Lam.

Pothiyil S. Vimalkumar, Neethu Sivadas, Vishnu Priya Murali, Daisy R. Sherin, Madhukrishnan Murali, Anuja Gracy Joseph, Kokkuvayil Vasu Radhakrishnan\* and Kaustabh Kumar Maiti\*

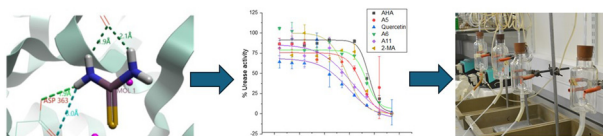
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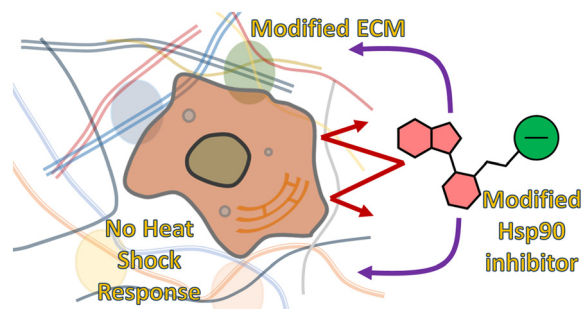
Rachel A. Heylen, Nicola Cusick, Tom White, Emily J. Owen, Bethany L. Patenall, Martin Alm, Peter Thomsen, Maisem Laabei and A. Toby A. Jenkins\*



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