

Graphical abstracts

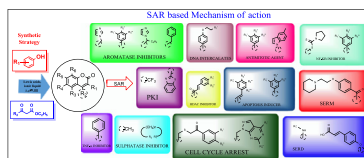
pp. 45–69

Ashwani Kumar* and Shilpi Chauhan



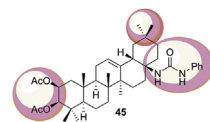
pp. 141–168

Jyoti Dandriyal, Ramit Singla, Manvendra Kumar and Vikas Jaitak*



pp. 1–16

Sven Sommerwerk, Lucie Heller, Julia Kuhfs and René Csuk*

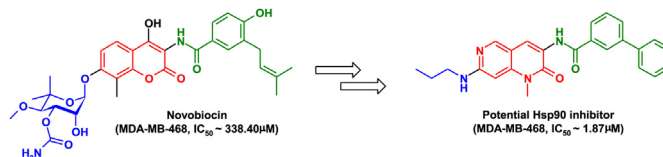


EC₅₀ (SRB) ovarian cancer A2780: 0.9 μM
EC₅₀ (SRB) mouse fibroblasts NIH 3T3: > 120 μM

Novel 1,6-naphthyridin-2(1H)-ones as potential anticancer agents targeting Hsp90

pp. 17–33

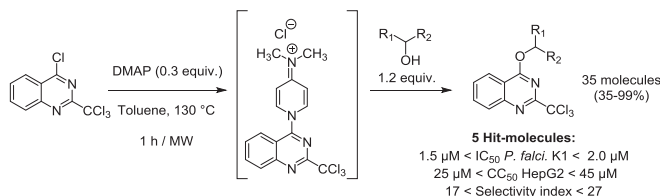
David Montoir, Sophie Barillé-Nion, Alain Tonnerre, Philippe Juin, Muriel Duflos and Marc-Antoine Bazin*



Looking for new antiplasmodial quinazolines: DMAP-catalyzed synthesis of 4-benzyloxy- and 4-aryloxy-2-trichloromethylquinazolines and their *in vitro* evaluation toward *Plasmodium falciparum*

pp. 34–44

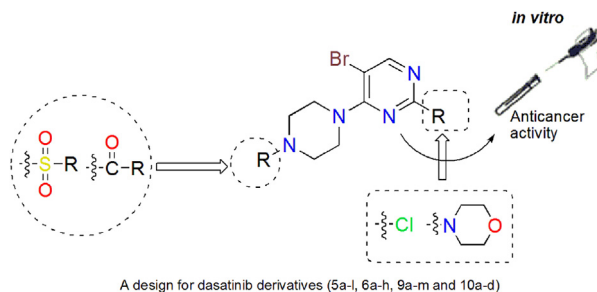
Armand Gellis, Nicolas Primas, Sébastien Hutter, Gilles Lanzada, Vincent Remusat, Pierre Verhaeghe*, Patrice Vanelle** and Nadine Azas



Part-1: Design, synthesis and biological evaluation of novel bromo-pyrimidine analogs as tyrosine kinase inhibitors

pp. 70–82

Chandrashekar Suradhenupura Munikrishnappa, Sangamesh B. Puranik, G.V. Suresh Kumar* and Y. Rajendra Prasad

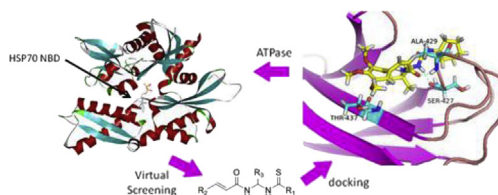


In the present study, series of clubbed novel 5-bromo-pyrimidine analogs was synthesized and evaluated for their anticancer potency by MTT and ADP-Glo assay method.

Design, synthesis and biological evaluation of novel HSP70 inhibitors: N, N'-disubstituted thiourea derivatives

pp. 83–95

Yan-qun Zeng, Rui-yuan Cao**, Jian-ling Yang, Xing-zhou Li, Song Li and Wu Zhong*



Heat shock protein 70 inhibitors, N, N'-disubstituted thiourea derivatives were designed and synthesis. A structure-function analysis revealed that most of the thiourea derivatives exhibited cooperative action with lapatinib in the BT474 cells and the BT/Lap^R1.0 lapatinib-resistant cells.

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