



Bioorganic & Medicinal Chemistry Letters Volume 24, Issue 22, 2014

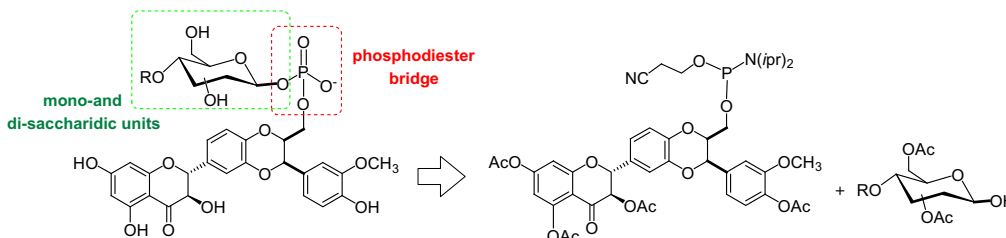
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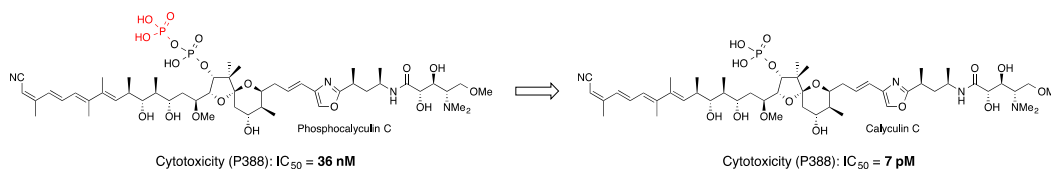
Armando Zarrelli, Valeria Romanucci, Concetta Tuccillo, Alessandro Federico, Carmela Loguercio, Raffaele Gravante, Giovanni Di Fabio*



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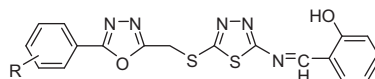
Yoko Egami, Toshiyuki Wakimoto*, Ikuro Abe*



Synthesis and antitumor activities of novel hybrid molecules containing 1,3,4-oxadiazole and 1,3,4-thiadiazole bearing Schiff base moiety

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Kai Zhang, Peng Wang, Li-Na Xuan, Xiao-Yun Fu, Fen Jing, Sha Li, Yu-Ming Liu, Bao-Quan Chen*



R = H, 4-F, 2-Cl, 4-Cl, 2-Br, 4-Br, 2-CH₃, 3-CH₃,
4-CH₃, 3-OCH₃, 4-OCH₃, 3,4,5-Tri-OCH₃,
3-NO₂, 4-NO₂

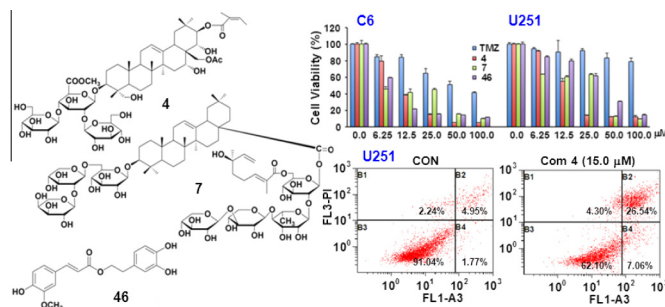
A series of novel hybrid molecules containing 1,3,4-oxadiazole and 1,3,4-thiadiazole bearing Schiff base moiety were synthesized. The newly synthesized compounds were evaluated for their in vitro antiproliferative activities against SMMC-7721, MCF-7 and A549 human tumor cell lines by CCK-8 assay.



Bioactive triterpenoid saponins and phenolic compounds against glioma cells

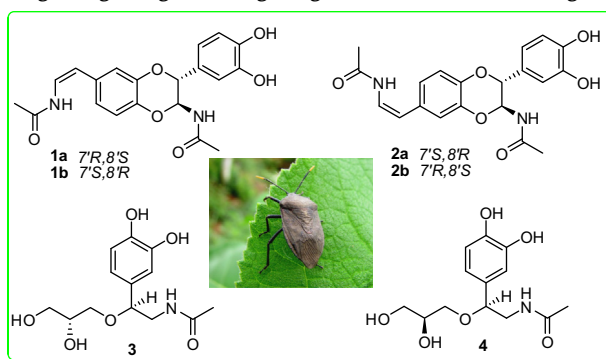
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Xuewei Ye, Siran Yu, Ying Liang, Haocai Huang, Xiao-Yuan Lian*, Zhizhen Zhang*

**Bioactive compounds from the insect *Aspongopus chinensis***

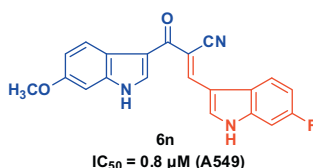
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Yan-Ni Shi, Zheng-Chao Tu, Xin-Long Wang, Yong-Ming Yan, Ping Fang, Zhi-Li Zuo, Bo Hou, Tong-Hua Yang*, Yong-Xian Cheng*

**Synthesis and identification of α -cyano bis(indolyl)chalcones as novel anticancer agents**

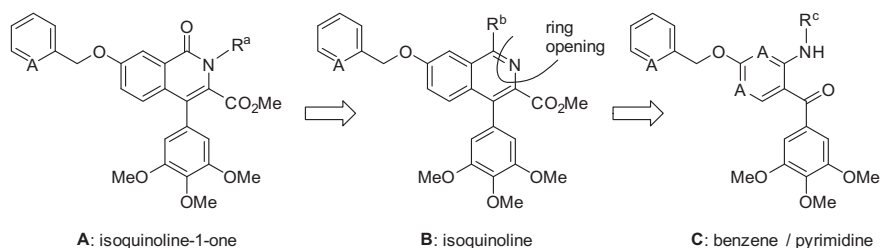
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Dalip Kumar*, N. Maruthi Kumar, Mukund P. Tantak, Maiko Ogura, Eriko Kusaka, Takeo Ito*

**Design and synthesis of novel 5-(3,4,5-trimethoxybenzoyl)-4-aminopyrimidine derivatives as potent and selective phosphodiesterase 5 inhibitors: Scaffold hopping using a pseudo-ring by intramolecular hydrogen bond formation**

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Toshiaki Sakamoto, Yuichi Koga, Masataka Hikota, Kenji Matsuki, Michino Murakami, Kohei Kikkawa, Kotomi Fujishige, Jun Kotera, Kenji Omori, Hiroshi Morimoto*, Koichiro Yamada



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