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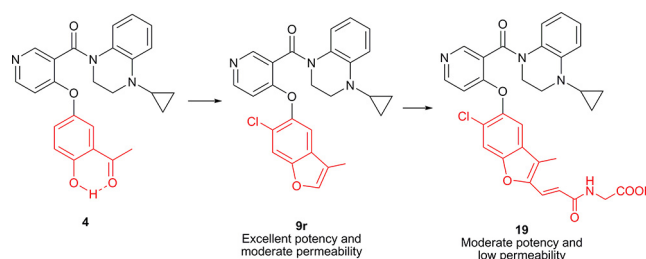
Contents

ORIGINAL ARTICLES

4-Benzofuranyloxynicotinamide derivatives are novel potent and orally available TGR5 agonists

pp. 1–15

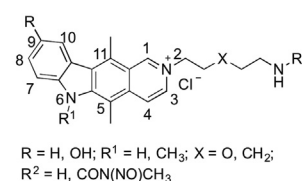
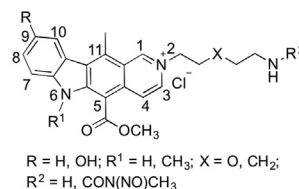
Qingan Zou, Hongliang Duan, Mengmeng Ning, Jia Liu, Ying Feng, Liming Zhang, Junjie Zhu, Ying Leng* and Jianhua Shen*

**Synthesis and in vitro antitumor activity of novel 2-alkyl-5-methoxycarbonyl-11-methyl-6H-pyrido[4,3-b]carbazol-2-ium and 2-alkylelpticin-2-ium chloride derivatives**

pp. 16–35

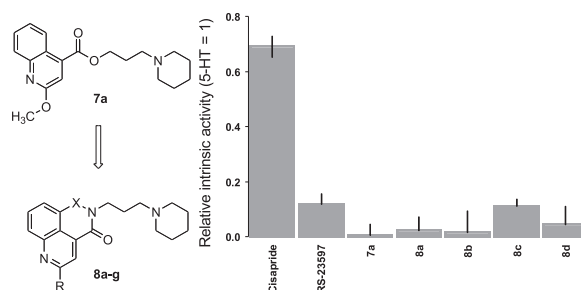
Ryota Mori, Asako Kato, Kousuke Komenoi, Haruaki Kurasaki, Touru Iijima, Masashi Kawagoshi, Y.B. Kiran, Sho Takeda, Norio Sakai and Takeo Konakahara*

Synthesis and evaluation of in vitro antitumor activity of the related compounds.

**Synthesis and structure–activity relationship studies in serotonin 5-HT₄ receptor ligands based on a benzo[de][2,6]naphthridine scaffold**

pp. 36–46

Federica Castriconi, Marco Paolino, Germano Giuliani, Maurizio Anzini, Giuseppe Campiani, Laura Mennuni, Chiara Sabatini, Marco Lanza, Gianfranco Caselli, Francesca De Rienzo, Maria Cristina Menziani, Maria Sbraccia, Paola Molinari, Tommaso Costa and Andrea Cappelli*

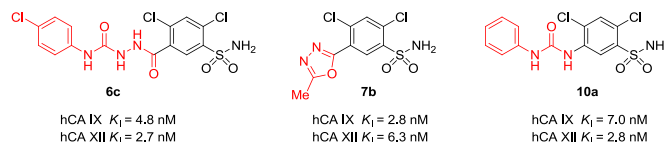


Carbonic anhydrase inhibitors. Synthesis of a novel series of 5-substituted 2,4-dichlorobenzenesulfonamides and their inhibition of human cytosolic isozymes I and II and the transmembrane tumor-associated isozymes IX and XII

pp. 47–55

Jarosław Sławiński*, Aneta Pogorzelska, Beata Żołnowska, Kamil Brożewicz, Daniela Vullo and Claudiu T. Supuran

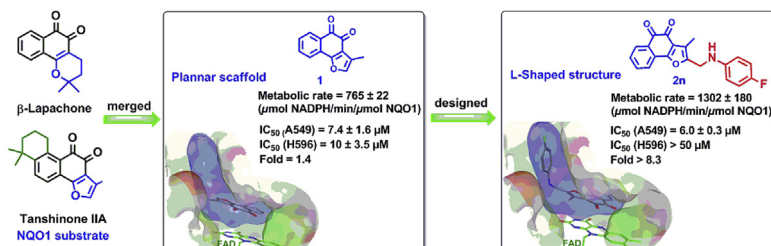
A series of novel 5-substituted 2,4-dichlorobenzenesulfonamides have been synthesized. Some of them showed good carbonic anhydrase CA I, II and XII inhibitory efficiency. The twenty one new compounds displayed a powerful inhibitory potency toward hCA IX.



2-Substituted 3-methylnaphtho[1,2-b]furan-4,5-diones as novel L-shaped ortho-quinone substrates for NAD(P)H:quinone oxidoreductase (NQO1)

pp. 56–67

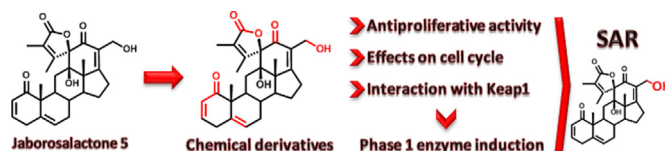
Jinlei Bian, Bang Deng, Lili Xu, Xiaoli Xu, Nan Wang, Tianhan Hu, Zeyu Yao, Jianyao Du, Li Yang, Yonghua Lei, Xiang Li, Haopeng Sun, Xiaojin Zhang* and Qidong You**



Antiproliferative and quinone reductase-inducing activities of withanolides derivatives

pp. 68–81

Manuela E. García*, Viviana E. Nicotra, Juan C. Oberti, Carla Ríos-Luci, Leticia G. León, Laura Marler, Guannan Li, John M. Pezzuto, Richard B. van Breemen, José M. Padrón, Idaira Hueso-Falcón and Ana Estévez-Braun

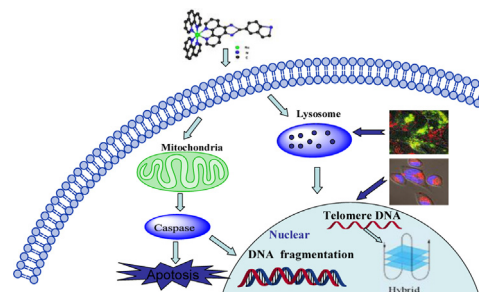


Ruthenium(II) polypyridyl complexes: Cellular uptake, cell image and apoptosis of HeLa cancer cells induced by double targets

pp. 82–95

Qianqian Yu, Yanan Liu*, Lei Xu, Chuping Zheng, Fangling Le, Xiuying Qin, Yanyu Liu and Jie Liu*

Two Ruthenium(II) polypyridyl complexes exhibit anticancer activity by mitochondria mediated apoptosis and telomerase inhibition.



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