

CELLAMARE SAVERIO: PUBBLICAZIONI ULTIMI 5 ANNI

Scopus

EXPORT DATE:20 Feb 2019

Porcelli, L., Stolfa, D., Stefanachi, A., Di Fonte, R., Garofoli, M., Iacobazzi, R.M., Silvestris, N., Guarini, A., Cellamare, S., Azzariti, A.

Synthesis and biological evaluation of N-biphenyl-nicotinic based moiety compounds: A new class of antimitotic agents for the treatment of Hodgkin Lymphoma (2019) Cancer Letters, 445, pp. 1-10.

DOI: 10.1016/j.canlet.2018.12.013

Rullo, M., Niso, M., Pisani, L., Carrieri, A., Colabufo, N.A., Cellamare, S., Altomare, C.D.

1,2,3,4-Tetrahydroisoquinoline/2H-chromen-2-one conjugates as nanomolar P-glycoprotein inhibitors: Molecular determinants for affinity and selectivity over multidrug resistance associated protein 1

(2019) European Journal of Medicinal Chemistry, 161, pp. 433-444.

DOI: 10.1016/j.ejmech.2018.10.043

Pisani, L., Iacobazzi, R.M., Catto, M., Rullo, M., Farina, R., Denora, N., Cellamare, S., Altomare, C.D.

Investigating alkyl nitrates as nitric oxide releasing precursors of multitarget acetylcholinesterase-monoamine oxidase B inhibitors

(2019) European Journal of Medicinal Chemistry, 161, pp. 292-309.

DOI: 10.1016/j.ejmech.2018.10.016

Trapani, A., Mandracchia, D., Tripodo, G., Cometa, S., Cellamare, S., De Giglio, E., Klepetsanis, P., Antimisiaris, S.G.

Protection of dopamine towards autoxidation reaction by encapsulation into non-coated- or chitosan- or thiolated chitosan-coated-liposomes

(2018) Colloids and Surfaces B: Biointerfaces, 170, pp. 11-19.

DOI: 10.1016/j.colsurfb.2018.05.049

Nevskaya, A.A., Matveeva, M.D., Borisova, T.N., Niso, M., Colabufo, N.A., Boccarelli, A., Purgatorio, R., de Candia, M., Cellamare, S., Voskressensky, L.G., Altomare, C.D.

A New Class of 1-Aryl-5,6-dihydropyrrolo[2,1-a]isoquinoline Derivatives as Reversers of P-Glycoprotein-Mediated Multidrug Resistance in Tumor Cells

(2018) ChemMedChem, 13 (15), pp. 1588-1596.

DOI: 10.1002/cmdc.201800177

Pisani, L., Rullo, M., Catto, M., de Candia, M., Carrieri, A., Cellamare, S., Altomare, C.D.

Structure-property relationship study of the HPLC enantioselective retention of neuroprotective 7-[(1-alkylpiperidin-3-yl)methoxy]coumarin derivatives on an amylose-based chiral stationary phase

(2018) Journal of Separation Science, 41 (6), pp. 1376-1384.

DOI: 10.1002/jssc.201701442

Purgatorio, R., De Candia, M., De Palma, A., De Santis, F., Pisani, L., Campagna, F., Cellamare, S., Altomare, C.D., Catto, M.

Insights into structure-activity relationships of 3-arylhydrazonoindolin-2-one derivatives for their multitarget activity on β -amyloid aggregation and neurotoxicity

(2018) Molecules, 23 (7), art. no. 1544, .

DOI: 10.3390/molecules23071544

de Candia, M., Altamura, C., Denora, N., Cellamare, S., Nuzzolese, M., de Vito, D., Voskressensky, L.G., Varlamov, A.V., Altomare, C.D.

Physicochemical properties and antimicrobial activity of new spirocyclic thieno[2,3-d]pyrimidin-4(3H)-one derivatives

(2017) *Chemistry of Heterocyclic Compounds*, 53 (3), pp. 357-363.

DOI: 10.1007/s10593-017-2057-1

Denora, N., Lopedota, A., de Candia, M., Cellamare, S., Degennaro, L., Luisi, R., Mele, A., Tricarico, D., Cutrignelli, A., Laquintana, V., Altomare, C.D., Franco, M., Dimiccoli, V., Tolomeo, A., Scilimati, A.

Pharmaceutical development of novel lactate-based 6-fluoro-L-DOPA formulations (2017) *European Journal of Pharmaceutical Sciences*, 99, pp. 361-368.

DOI: 10.1016/j.ejps.2016.10.001

Pisani, L., Catto, M., De Palma, A., Farina, R., Cellamare, S., Altomare, C.D. *Discovery of Potent Dual Binding Site Acetylcholinesterase Inhibitors via Homo- and Heterodimerization of Coumarin-Based Moieties*

(2017) *ChemMedChem*, 12 (16), pp. 1349-1358.

DOI: 10.1002/cmdc.201700282

de Candia, M., Zaetta, G., Denora, N., Tricarico, D., Majellaro, M., Cellamare, S., Altomare, C.D.

New azepino[4,3-b]indole derivatives as nanomolar selective inhibitors of human butyrylcholinesterase showing protective effects against NMDA-induced neurotoxicity

(2017) *European Journal of Medicinal Chemistry*, 125, pp. 288-298.

DOI: 10.1016/j.ejmech.2016.09.037

Majellaro, M., Stefanachi, A., Tardia, P., Vicenti, C., Boccarelli, A., Pannunzio, A., Campanella, F., Coluccia, M., Denora, N., Leonetti, F., de Candia, M., Altomare, C.D., Cellamare, S.

Investigating Structural Requirements for the Antiproliferative Activity of Biphenyl Nicotinamides

(2017) *ChemMedChem*, 12 (16), pp. 1380-1389.

DOI: 10.1002/cmdc.201700365

Stefanachi, A., Mangiatordi, G.F., Tardia, P., Alberga, D., Leonetti, F., Niso, M., Colabufo, N.A., Adamo, C., Nicolotti, O., Cellamare, S.

Design, synthesis, biological evaluation, NMR and DFT studies of structurally simplified trimethoxy benzamides as selective P-glycoprotein inhibitors: the role of molecular flatness

(2016) *Chemical Biology and Drug Design*, 88 (6), pp. 820-831.

DOI: 10.1111/cbdd.12811

Mangiatordi, G.F., Alberga, D., Altomare, C.D., Carotti, A., Catto, M., Cellamare, S., Gadaleta, D., Lattanzi, G., Leonetti, F., Pisani, L., Stefanachi, A., Trisciuzzi, D., Nicolotti, O.

Mind the Gap! A Journey towards Computational Toxicology

(2016) *Molecular Informatics*, pp. 294-308.

DOI: 10.1002/minf.201501017

Craparo, E.F., Di Gioia, S., Trapani, A., Cellamare, S., Belgiovine, G., Mandracchia, D., Giammona, G., Cavallaro, G., Conese, M.
Realization of polyaspartamide-based nanoparticles and in vivo lung biodistribution evaluation of a loaded glucocorticoid after aerosolization in mice

(2016) International Journal of Pharmaceutics, 510 (1), pp. 263-270.

DOI: 10.1016/j.ijpharm.2016.06.042

Pisani, L., Farina, R., Catto, M., Iacobazzi, R.M., Nicolotti, O., Cellamare, S., Mangiatordi, G.F., Denora, N., Soto-Otero, R., Siragusa, L., Altomare, C.D., Carotti, A.

Exploring Basic Tail Modifications of Coumarin-Based Dual Acetylcholinesterase-Monoamine Oxidase B Inhibitors: Identification of Water-Soluble, Brain-Permeant Neuroprotective Multitarget Agents

(2016) Journal of Medicinal Chemistry, 59 (14), pp. 6791-6806.

DOI: 10.1021/acs.jmedchem.6b00562

Leo, V., Stefanachi, A., Nacci, C., Leonetti, F., De Candia, M., Carotti, A., Altomare, C.D., Montagnani, M., Cellamare, S.

Galloyl benzamide-based compounds modulating tumour necrosis factor α -stimulated c-Jun N-terminal kinase and p38 mitogen-activated protein kinase signalling pathways

(2015) Journal of Pharmacy and Pharmacology, 67 (10), pp. 1380-1392.

DOI: 10.1111/jphp.12438

De Candia, M., Marini, E., Zaetta, G., Cellamare, S., Di Stilo, A., Altomare, C.D.

New organic nitrate-containing benzyloxy isonipecotanilide derivatives with vasodilatory and anti-platelet activity

(2015) European Journal of Pharmaceutical Sciences, 72, art. no. 3206, pp. 69-80.

DOI: 10.1016/j.ejps.2015.03.004

Trisciuzzi, D., Alberga, D., Mansouri, K., Judson, R., Cellamare, S., Catto, M., Carotti, A., Benfenati, E., Novellino, E., Mangiatordi, G.F., Nicolotti, O.

Docking-based classification models for exploratory toxicology studies on high-quality estrogenic experimental data

(2015) Future Medicinal Chemistry, 7 (14), pp. 1921-1936.

DOI: 10.4155/fmc.15.103

Tardia, P., Stefanachi, A., Niso, M., Stolfa, D.A., Mangiatordi, G.F., Alberga, D., Nicolotti, O., Lattanzi, G., Carotti, A., Leonetti, F., Perrone, R., Berardi, F., Azzariti, A., Colabufo, N.A., Cellamare, S.

Trimethoxybenzanilide-based P-glycoprotein modulators: An interesting case of lipophilicity tuning by intramolecular hydrogen bonding

(2014) Journal of Medicinal Chemistry, 57 (15), pp. 6403-6418.

DOI: 10.1021/jm500697c

Stefanachi, A., Hanke, N., Pisani, L., Leonetti, F., Nicolotti, O., Catto, M., Cellamare, S., Hartmann, R.W., Carotti, A.

Discovery of new 7-substituted-4-imidazolylmethyl coumarins and 4'-substituted-2-imidazolyl acetophenones open analogues as potent and selective inhibitors of steroid-11 β -hydroxylase

(2014) European Journal of Medicinal Chemistry, 89, pp. 106-114.

DOI: 10.1016/j.ejmech.2014.10.021