

Molecular Docking Studies of Royleanone Diterpenoids from *Plectranthus* spp. as P-Glycoprotein Inhibitors

Isca, V. M. S., Ferreira, R. J., Garcia, C., Monteiro, C. M., Dinic, J., Holmstedt, S., André, V., Pesic, M., Dos Santos, D. J. V. A., Candeias, N. R., Afonso, C. A. M. & Rijo, P., 14 May 2020, In : ACS MEDICINAL CHEMISTRY LETTERS. 11, 5, p. 839-845 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

A concise synthesis of carbasugars isolated from *Streptomyces lincolnensis*

Holmstedt, S. & Candeias, N. R., 2020, In : Tetrahedron. 6 p., 131346.

Research output: Contribution to journal › Article › Scientific › peer-review

Surface Stabilization and Dissolution Rate Improvement of Amorphous Compacts with Thin Polymer Coatings: Can We Have It All?

Novakovic, D., Peltonen, L., Isomäki, A., Fraser-Miller, S. J., Nielsen, L. H., Laaksonen, T. & Strachan, C. J., 2020, In : Molecular Pharmaceutics. 17, 4, p. 1248-1260 13 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Synthetic Design of Asymmetric miRNA with an Engineered 3' Overhang to Improve Strand Selection

Kadekar, S., Nawale, G. N., Karlsson, K., Ålander, C., Oommen, O. P. & Varghese, O. P., 7 Jun 2019, In : Molecular Therapy - Nucleic Acids. 16, p. 597-604 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Metabolic profiling of water-soluble compounds from the extracts of dark septate endophytic fungi (DSE) isolated from scots pine (*Pinus sylvestris* L.) seedlings using UPLC–orbitrap–MS

Tienaho, J., Karonen, M., Muilu-Mäkelä, R., Wähälä, K., Denegri, E. L., Franzén, R., Karp, M., Santala, V. & Sarjala, T., 2019, In : Molecules. 24, 12, 2330.

Research output: Contribution to journal › Article › Scientific › peer-review

Synthesis of 6,12-disubstituted methanodibenzo[b,f][1,5]dioxocins: Pyrrolidine catalyzed self-condensation of 2'-Hydroxyacetophenones

Assoah, B., Riihonen, V., Vale, J. R., Valkonen, A. & Candeias, N. R., 2019, In : Molecules. 24, 13, 2405.

Research output: Contribution to journal › Article › Scientific › peer-review

Understanding Dissolution and Crystallization with Imaging: A Surface Point of View

Novakovic, D., Isomäki, A., Pleunis, B., Fraser-Miller, S. J., Peltonen, L., Laaksonen, T. & Strachan, C. J., 5 Nov 2018, In : Molecular Pharmaceutics. 15, 11, p. 5361-5373 13 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Crystallization Kinetics of an Amorphous Pharmaceutical Compound Using Fluorescence-Lifetime-Imaging Microscopy

Rautaniemi, K., Vuorimaa-Laukkanen, E., Strachan, C. J. & Laaksonen, T., 7 May 2018, In : Molecular Pharmaceutics. 15, 5, p. 1964-1971 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Increased survival rate by local release of diclofenac in a murine model of recurrent oral carcinoma

Will, O. M., Purcz, N., Chalaris, A., Heneweer, C., Boretius, S., Purcz, L., Nikkola, L., Ashammakhi, N., Kalthoff, H., Glüer, C. C., Wiltfang, J., Açil, Y. & Tiwari, S., 12 Oct 2016, In : International Journal of Nanomedicine. 11, p. 5311-5321 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Indocyanine Green-Loaded Liposomes for Light-Triggered Drug Release

Lajunen, T., Kontturi, L-S., Viitala, L., Manna, M., Cramariuc, O., Róg, T., Bunker, A., Laaksonen, T., Viitala, T., Murtomäki, L. & Urtti, A., 6 Jun 2016, In : Molecular Pharmaceutics. 13, 6, p. 2095-2107 13 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Cell-based bioreporter assay coupled to HPLC micro-fractionation in the evaluation of antimicrobial properties of the basidiomycete fungus *Pycnoporus cinnabarinus*

Järvinen, P., Nybond, S., Marcourt, L., Ferreira Queiroz, E., Wolfender, J. L., Mettälä, A., Karp, M., Vuorela, H., Vuorela, P., Hatakka, A. & Tammela, P., 21 Jan 2016, In : Pharmaceutical Biology. 54, 6, p. 1-8 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Resveratrol interferes with the aggregation of membrane-bound human-IAPP: A molecular dynamics study

Lolicato, F., Raudino, A., Milardi, D. & La Rosa, C., 6 Mar 2015, In : European Journal of Medicinal Chemistry. 92, p. 876-881 6 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Integrated in vitro-in silico screening strategy for the discovery of antibacterial compounds

Nybond, S., Ghemtio, L., Nawrot, D. A., Karp, M., Xhaard, H. & Tammela, P., 1 Feb 2015, In : Assay and Drug Development Technologies. 13, 1, p. 25-33 9 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Pharmacokinetics of an injectable modified-release 2-hydroxyflutamide formulation in the human prostate gland using a semiphysiologically based biopharmaceutical model

Sjögren, E., Tammela, T. L., Lennernäs, B., Taari, K., Isotalo, T., Malmsten, L. Å., Axén, N. & Lennernäs, H., 2 Sep 2014, In : Molecular Pharmaceutics. 11, 9, p. 3097-3111 15 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Role of the acyl groups in carbohydrate chains in cytotoxic properties of olivomycin A

Tevyashova, A. N., Durandin, N. A., Vinogradov, A. M., Zbarsky, V. B., Reznikova, M. I., Dezhenkova, L. G., Bykov, E. E., Olsufyeva, E. N., Kuzmin, V. A., Shtil, A. A. & Preobrazhenskaya, M. N., Sep 2013, In : JOURNAL OF ANTIBIOTICS. 66, 9, p. 523-530 8 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Protein-protein interactions: Inhibition of mammalian carbonic anhydrases I-XV by the murine inhibitor of carbonic anhydrase and other members of the transferrin family

Durdagi, S., Vullo, D., Pan, P., Kähkönen, N., Määttä, J. A., Hytönen, V. P., Scozzafava, A., Parkkila, S. & Supuran, C. T., 14 Jun 2012, In : JOURNAL OF MEDICINAL CHEMISTRY. 55, 11, p. 5529-5535 7 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Baculovirus-mediated vascular endothelial growth factor-DΔNΔC gene transfer induces angiogenesis in rabbit skeletal muscle

Heikura, T., Nieminen, T., Roschier, M. M., Karvinen, H., Kaikkonen, M. U., Mähönen, A. J., Lesch, H. P., Rissanen, T. T., Laitinen, O. H., Airene, K. J. & Ylä-Herttuala, S., Jan 2012, In : JOURNAL OF GENE MEDICINE. 14, 1, p. 35-43 9 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Modification of olivomycin A at the side chain of the aglycon yields the derivative with perspective antitumor characteristics

Tevyashova, A. N., Shtil, A. A., Olsufyeva, E. N., Luzikov, Y. N., Reznikova, M. I., Dezhenkova, L. G., Isakova, E. B., Bukhman, V. M., Durandin, N. A., Vinogradov, A. M., Kuzmin, V. A. & Preobrazhenskaya, M. N., 15 Dec 2011, In : BIOORGANIC AND MEDICINAL CHEMISTRY. 19, 24, p. 7387-7393 7 p.

Research output: Contribution to journal > Review Article > Scientific > peer-review

Acetaldehyde-derived modifications on cytosolic human carbonic anhydrases

Bootorabi, F., Jänis, J., Hytönen, V. P., Valjakka, J., Kuuslahti, M., Vullo, D., Niemelä, O., Supuran, C. T. & Parkkila, S., Dec 2011, In : JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY. 26, 6, p. 862-870 9 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Expression of MUC5AC in ocular surface epithelial cells using cationized gelatin nanoparticles

Konat Zorzi, G., Contreras-Ruiz, L., Párraga, J. E., López-García, A., Romero Bello, R., Diebold, Y., Seijo, B. & Sánchez, A., 3 Oct 2011, In : Molecular Pharmaceutics. 8, 5, p. 1783-1788 6 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Chemically modified gelatin as biomaterial in the design of new nanomedicines

Lopez-Cebral, R., Mañón-Pastor, M., Evelin Parraga, J., Konat Zorzi, G., Seijoa, B. & Sanchez, A., May 2011, In : MEDICINAL CHEMISTRY. 7, 3, p. 145-154 10 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Unity is strength

Maunoury, V., Mordon, S. & Bulois, P., Apr 2011, In : CHEMOTHERAPY. 57, 2, p. 145-146 2 p.
Research output: Contribution to journal › Letter › Scientific › peer-review

Ras regulates interleukin-1 β -induced HIF-1 α transcriptional activity in glioblastoma

Sharma, V., Dixit, D., Koul, N., Mehta, V. S. & Sen, E., Feb 2011, In : JOURNAL OF MOLECULAR MEDICINE: JMM. 89, 2, p. 123-136 14 p.
Research output: Contribution to journal › Article › Scientific › peer-review

Vilsmeier formylation of 2-carboxyindoles and preparation of O-benzylhydroxyureas on solid phase

Tois, J., Franzén, R., Aitio, O., Laakso, I. & Kylänlahti, I., Nov 2001, In : Journal of Combinatorial Chemistry. 3, 6, p. 542-545 4 p.
Research output: Contribution to journal › Article › Scientific › peer-review

Recent advances in the preparation of heterocycles on solid support: A review of the literature

Franzén, R. G., May 2000, In : Journal of Combinatorial Chemistry. 2, 3, p. 195-214 20 p.
Research output: Contribution to journal › Review Article › Scientific › peer-review

Preparation of 5-substituted 2-carboxyindoles on solid support

Tois, J., Franzén, R., Aitio, O., Huikko, K. & Taskinen, J., 1 Apr 2000, In : Tetrahedron Letters. 41, 14, p. 2443-2446 4 p.
Research output: Contribution to journal › Article › Scientific › peer-review

Utilization of Grignard reagents in solid-phase synthesis: A review of the literature

Franzén, R. G., 28 Jan 2000, In : Tetrahedron. 56, 5, p. 685-691 7 p.
Research output: Contribution to journal › Review Article › Scientific › peer-review

Investigation of the adducts formed by reaction of butenedioic acids with adenosine

Franzén, R., Morita, M., Tanabe, K., Takagi, H. & Shibata, Y., Oct 1997, In : Chemical Research in Toxicology. 10, 10, p. 1186-1191 6 p.
Research output: Contribution to journal › Article › Scientific › peer-review

Mutational spectra of Salmonella typhimurium revertants induced by chlorohydroxyfuranones, byproducts of chlorine disinfection of drinking water

Knasmüller, S., Zöhrer, E., Kronberg, L., Kundi, M., Franzen, R. & Schulte-Hermann, R., 1996, In : Chemical Research in Toxicology. 9, 2, p. 374-381 8 p.
Research output: Contribution to journal › Article › Scientific › peer-review

Synthesis of chlorinated 5-hydroxy 4-methyl-2(5H)-furanones and mucochloric acid

Franzén, R. & Kronberg, L., 29 May 1995, In : Tetrahedron Letters. 36, 22, p. 3905-3908 4 p.
Research output: Contribution to journal › Article › Scientific › peer-review