

## Artigos científicos

### 2015

1. 1.387TABRIZI, MOJGAN2015TABRIZI, MOJGAN ; BARALDI, PIER ; BARALDI, STEFANIA ; PRENCIPE, FILIPPO ; PRETI, DELIA ; SAPONARO, GIULIA ; ROMAGNOLI, ROMEO ; GESSI, STEFANIA ; MERIGHI, STEFANIA ; STEFANELLI, ANGELA ; FAZZI, DEBORA ; BOREA, PIER ; MAIA, RODOLFO ; ROMEIRO, NELILMA ; FRAGA, CARLOS ; BARREIRO, ELIEZER . Synthesis and Biological Evaluation of Pyrazolo[3,4-*b*]pyridin-4-ones as a New Class of Topoisomerase II Inhibitors. *Medicinal Chemistry*, v. 11, p. 342-353, 2015.
2. 2.132MOURA, VICTOR J.G.2015MOURA, VICTOR J.G. ; ALENCAR, ALLAN K.N. ; CALASANS-MAIA, JORGE DE ALBUQUERQUE ; DA SILVA, JAQUELINE SOARES ; FRAGA, CARLOS A.M. ; ZAPATA-SUDO, GISELE ; Barreiro, Eliezer J. ; SUDO, Roberto Takashi . Novel Agonist of Adenosine Receptor Induces Relaxation of Corpus Cavernosum in Guinea Pigs: An In Vitro and In Vivo Study. *Urology*, v. 85, p. 1214.e17-1214.e21, 2015.
3. 4.025POMPEU, THAIS EMANOELLE T.2015POMPEU, THAIS EMANOELLE T. ; DO MONTE, FERNANDO MONTEIRO ; BOSIER, BARBARA ; FRAGA, CARLOS A.M. ; Barreiro, Eliezer J. ; MENEGATTI, Ricardo ; HERMANS, EMMANUEL ; NOËL, FRANÇOIS . Partial agonism and fast dissociation of LASSBio-579 at dopamine D2 receptor. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, v. 62, p. 1-6, 2015.
4. 3.858SATO, JULIANA ALVES PEREIRA2015SATO, JULIANA ALVES PEREIRA ; COSTA, FANNY NASCIMENTO ; DA ROCHA, MIGUEL DIVINO ; Barreiro, Eliezer J. ; FRAGA, CARLOS ALBERTO MANSSOUR ; PUNZO, FRANCESCO ; FERREIRA, FABIO FURLAN . Structural characterization of LASSBio-1289: a new vasoactive N-methyl-N-acylhydrazone derivative. *CrystEngComm*, v. 17, p. 165-173, 2015.
5. MONTEIRO, CARLOS ES2015MONTEIRO, CARLOS ES ; NASCIMENTO-JÚNIOR, NAILTON M ; TRACHEZ, MARGARETE M ; TESCH, ROBERTA ; MENDES, THAIANA CF ; FRAGA, CARLOS AM; SANTANNA, CARLOS MR DE ; ZAPATA-SUDO, GISELE ; BARREIRO, Eliezer J ; SUDO, ROBERTO T . Prevention and Reversal of Morphine-Induced Tolerance by Novel Muscarinic Receptor Agonist in Rats with Neuropathic Pain. *Journal of Neurology and Neurophysiology*, v. 06, p. 1000282, 2015.
6. CORTOPASSI, W. A.2015CORTOPASSI, W. A. ; Ramalho, T. C. ; Fraga, Carlos A. M.; MANGAS, I. ; KUCA, K. ; FRANCA, T. C. C. . Bubonic Plague: Historical Aspects and Therapy. *Military Medical Science Letters*, v. 84, p. 67-75, 2015.
7. OLIVEIRA, VINÍCIUS ROSA ; AVILA, MARIANA BARCELLOS ; CARVALHO, GIOVANNA MARCELLA CAVALCANTE ; AZEVEDO, SANDRA MARIA F.O. ; Lima, Lidia Moreira ; Barreiro, Eliezer Jesus ; CARVALHO, ALYSSON RONCALLY ; ZIN, WALTER ARAUJO . Investigating the therapeutic effects of LASSBio-596 in an in vivo

model of cylindrospermopsin-induced lung injury. *Toxicon* (Oxford), v. 94, p. 29-35, 2015.

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**9.** Alves, Marina A.; DE QUEIROZ, ALINE C.; Alexandre-Moreira, Magna Suzana ; VARELA, JAVIER ; Cerecetto, Hugo ; González, Mercedes ; DORIGUETTO, ANTONIO C. ; LANDRE, IARA M.; Barreiro, Eliezer J. ; LIMA, LÍDIA M. . Design, synthesis and in vitro trypanocidal and leishmanicidal activities of novel semicarbazone derivatives. *European Journal of Medicinal Chemistry*, v. 100, p. 24-33, 2015.

**10.** COSTA, FANNY NASCIMENTO ; DA SILVA, TIAGO FERNANDES ; MIGUEZ, EDUARDO ; BARROSO, REGINA CELY ; BRAZ, DELSON ; Barreiro, Eliezer J. ; Lima, Lídia Moreira ; PUNZO, FRANCESCO ; FERREIRA, FABIO FURLAN . Structural features evolution - from fluids to solid phase - and crystal morphology study of LASSBio 1601: a cyclohexyl-N-acylhydrazone derivative. *RSC Advances: an international journal to further the chemical sciences*, v. 5, p. 39889-39898, 2015.

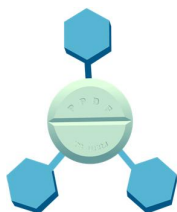
**11.** THOTA, SREEKANTH ; VALLALA, SRUJANA ; YERRA, RAJESHWAR ; Barreiro, Eliezer J. . Design, synthesis, characterization, cytotoxic and structure activity relationships of novel Ru(II) complexes. *Chinese Chemical Letters*, v. 26, p. 721-726, 2015.

**12.** MULLER, L. G. ; SALLES, L. ; LINS, H. A. ; FEIJO, P. R. O. ; CASSEL, E. ; VARGAS, R. ; POSER, G. L. V. ; NOËL, F. ; QUINTAS, L. E. M. ; Rates, SMK . Effects of Diene Valepotriates from *Valeriana glechomifolia* on Na<sup>+</sup>/K<sup>+</sup>-ATPase Activity in the Cortex and Hippocampus of Mice. *Planta Medica*, v. 81, p. 200-207, 2015.

**13.** DE PAULA, NÚBIA C. ; ARAUJO CORDEIRO, KELLY C.F. ; DE MELO SOUZA, PAULA L. ; NOGUEIRA, DIOGO F. ; DA SILVA E SOUSA, DIEGO B. ; COSTA, MAÍSA B. ; NOEL, FRANÇOIS ; de Oliveira, Valéria . Biosynthesis of human diazepam and clonazepam metabolites. *Bioorganic & Medicinal Chemistry Letters*, v. 25, p. 1026-1029, 2015.

**14.** ALVES, SILMARA L.G. ; PAIXÃO, NATASHA ; FERREIRA, LETÍCIA R. ; SANTOS, FELIPE R.S. ; NEVES, LUIZA D.R. ; OLIVEIRA, GISELE C. ; CORTES, VANESSA F. ; SALOMÉ, KAHLIL S. ; BARISON, ANDERSSON ; SANTOS, FABIO V. ; CENZI, GISELE ; VAROTTI, FERNANDO P. ; OLIVEIRA, SORAYA M.F. ; TARANTO, ALEX G. ; COMAR, MOACYR ; SILVA, LUCIANA M. ; Noël, François ; Quintas, Luis Eduardo M. ; BARBOSA, LEANDRO A. ; VILLAR, JOSÉ A.F.P.  $\gamma$ -Benzylidene digoxin derivatives synthesis and molecular modeling: evaluation of anticancer and the Na,K-ATPase activity effect. *Bioorganic & Medicinal Chemistry*, v. 23, p. 4397-4404, 2015.

- 15.** ZAPATA-SUDO, G. . Novel Agonist of Adenosine Receptor Induces Relaxation of Corpus Cavernosum in Guinea Pigs: An In Vitro and In Vivo Study. *Urology*, v. 85, p. 1214.e17-1214.e21, 2015.
- 16.** MARQUES, ANDRE ; Pereira, Sharlene L. ; Cavalcante, C. ; Sudo, R.T. ; SUDO, S. Z. ; Kaplan, Maria Auxiliadora Coelho ; ZAPATA-SUDO, G. . Hypoglycemic Effect of the Methanol flower Extract of Piper Claussenianum and the Major Constituent 2 ,6 - Dihydroxy-4 -methoxychalcone in Streptozotocin Diabetic Rats. *INDIAN J PHARM SCI* , v. 77, p. 222, 2015.
- 17.** ANDRADE, BRUNO M. ; BALDANZA, MARCELO R. ; RIBEIRO, KARLA C. ; PORTO, ANDERSON ; PEÇANHA, RAMON ; FORTES, FABIO S. A. ; Zapata-Sudo, Gisele ; CAMPOS-DE-CARVALHO, ANTONIO C. ; GOLDENBERG, REGINA C. S. ; WERNECK-DE-CASTRO, JOÃO PEDRO . Bone Marrow Mesenchymal Cells Improve Muscle Function in a Skeletal Muscle Re-Injury Model. *Plos One* , v. 10, p. e0127561, 2015.
- 18.** MALAFAIA, CAMILA R.A. ; DA SILVA, BERNADETE P. ; Tinoco, Luzineide W. ; PARENTE, JOSÉ P. . Structural characterization and gastroprotective property of a novel glucofructan from *Allium ampeloprasum* var. *porrum*. *Carbohydrate Research* , v. 402, p. 44-49, 2015.
- 19.** COSTA, ISABELA FRANCISCA BORGES ; CALIXTO, SANDERSON DIAS ; HEGGDORNE DE ARAUJO, MARLON ; KONNO, TATIANA UNGARETTI PALEO ; Tinoco, Luzineide Wanderley ; GUIMARÃES, DENISE OLIVEIRA ; LASUNSKAIA, ELENA B. ; LEAL, IVANA RAMOS CORREA ; MUZITANO, MICHELLE FRAZÃO . Antimycobacterial and Nitric Oxide Production Inhibitory Activities of *Ocotea notata* from Brazilian Restinga. *The Scientific World Journal*, v. 2015, p. 1-9, 2015.
- 20.** NASCIMENTO, RAIMUNDO R. G.; PIMENTA, ANTÔNIA T. A. ; LIMA NETO, PEDRO DE ; CÂNDIDO JÚNIOR, JOSÉ ROBERVAL ; COSTA-LOTUFO, LETÍCIA V.; FERREIRA, ELTHON G. ; Tinoco, Luzineide W. ; BRAZ-FILHO, RAIMUNDO ; SILVEIRA, EDILBERTO R. ; LIMA, MARY A. S. New Alkaloids from *Margaritopsis carrascoana* (Rubiaceae). *Journal of the Brazilian Chemical Society (Impresso)* , v. 26, p. 1152-1159, 2015.
- 21.** MANVAR, DINESH ; FERNANDES, TALITA DE A. ; DOMINGOS, JORGE L.O. ; BALJINNYAM, ERDENECHIMEG ; BASU, AMARTYA ; JUNIOR, EURIDES F.T. ; COSTA, PAULO R.R. ; KAUSHIK-BASU, NEERJA . Synthesis and biological evaluation of  $\alpha$ -aryl- $\alpha$ -tetralone derivatives as hepatitis C virus inhibitors. *European Journal of Medicinal Chemistry*, v. 93, p. 51-54, 2015.
- 22.** Pinheiro, Mariana Martins Gomes ; MILTOJEVI', ANA B. ; RADULOVI', NIKO S.; ABDUL-WAHAB, IKARASTIKA RAHAYU ; Boylan, Fabio ; Fernandes, Patrícia Dias . Anti-Inflammatory Activity of *Choisya temata* Kunth Essential Oil, Ternanthranin, and Its Two Synthetic Analogs (Methyl and Propyl N-Methylantranilates). *Plos One* , v. 10, p. e0121063, 2015.



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DESENVOLVIMENTO DE FÁRMACOS**

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**23.** GIORNO, THAIS BIONDINO SARDELLA ; BALLARD, YÁSKARA L.L.; CORDEIRO, MILLENA SANTOS ; SILVA, BÁRBARA V. ; Pinto, Angelo C. ; Fernandes, Patricia Dias . Central and peripheral antinociceptive activity of 3-(2-oxopropyl)-3-hydroxy-2-oxindoles. *Pharmacology, Biochemistry and Behavior*, v. 135, p. 13-19, 2015.

**24.** GUILHON, CAROLINA CARVALHO ; ABDUL WAHAB, IKARASTIKA RAHAYU ; Boylan, Fabio ; Fernandes, Patricia Dias . Central Antinociceptive and Mechanism of Action of Kunth Leaves Crude Extract, Fractions, and Isolated Compounds. *Evidence-Based Complementary and Alternative Medicine*, v. 2015, p. 1-12, 2015.