

Artigos científicos

2013

1. 3.432 GOMES, T. F. 2013 GOMES, T. F. ; POMPEU, T. E. T. ; RODRIGUES, D. A. ; NOEL, F. ; MENEGATTI, Ricardo ; Andrade, Carolina H. ; SABINO, J. R. ; GIL, E. S. ; DALLACOSTA, Teresa ; Betti, A. H. ; Antonio, Camila B. ; RATES, S. M. K. ; Fraga, Carlos A. M. ; BARREIRO, E. J. ; OLIVEIRA, Valéria de . Biotransformation of LASSBio-579 and pharmacological evaluation of p-hydroxylated metabolite a N-phenylpiperazine antipsychotic lead compound. *European Journal of Medicinal Chemistry*, v. 62, p. 214-221, 2013.

2. 3.391 NEVES, Gilda 2013 NEVES, Gilda ; Antonio, Camila B. ; Betti, A. H. ; PRANKE, M. A. ; Fraga, Carlos A. M. ; BARREIRO, E. J. ; NOEL, F. ; RATES, S. M. K. . New insights into pharmacological profile of LASSBio-579, a multi-target N-phenylpiperazine derivative active on animal models of schizophrenia. *Behavioural Brain Research*, v. 237, p. 86-95, 2013.

3. 2.684 PEREIRA, S. L. 2013 PEREIRA, S. L. ; KUMMERLE, A. E. ; Fraga, Carlos A. M. ; BARREIRO, E. J. ; ROCHA, N. N. ; FERRAZ, E. B. ; Nascimento, J. H. M. ; SUDO, R. T. ; ZAPATA-SUDO, G. . A novel Ca channel antagonist reverses cardiac hypertrophy and pulmonary arteriolar remodeling in experimental pulmonary hypertension. *European Journal of Pharmacology*, v. 702, p. 316-322, 2013.

4. 2.095 SILVA, R. B. 2013 SILVA, R. B. ; LOBACK, V. B. ; Salomão, K. ; CASTRO, S. L. ; Wardell, James L. ; Wardell, S. M. S. V. ; COSTA, T. E. M. M. ; PENIDO, C. ; HENRIQUES, M. G. M. O. ; CARVALHO, Samir D'aquino ; SILVA, Edson Ferreira da ; Fraga, Carlos A. M. . Synthesis and Trypanocidal Activity of Novel 2,4,5-Triaryl-N-Hydroxylimidazole Derivatives. *Molecules (Basel. Online)*, v. 18, p. 3445-3457, 2013.

5. 2.16 Mendes, T. C. F. 2013 Mendes, T. C. F. ; Antunes, Fernanda ; Trachez, M. M. ; Nascimento-Jr, N. M. ; Fraga, Carlos A. M. ; Barreiro, Eliezer J. ; SUDO, Gisele Zapata ; SUDO, R. T. . Antihyperalgesic Effects of a Novel Muscarinic Agonist (LASSBio-873) in Spinal Nerve Ligation in Rats. *Clinical and Experimental Pharmacology & Physiology*, v. 40, p. 404-411, 2013.

6. 3.432 POMPEU, THAIS E.T. 2013 POMPEU, THAIS E.T. ; ALVES, FERNANDO R.S. ; FIGUEIREDO, CAROLINA D.M. ; Antonio, Camila B. ; HERZFELDT, VIVIAN ; MOURA, BRUNA C. ; RATES, STELA M.K. ; Barreiro, Eliezer J. ; FRAGA, CARLOS A.M. ; NOËL, FRANÇOIS . Synthesis and pharmacological evaluation of new N-phenylpiperazine derivatives designed as homologues of the antipsychotic lead compound LASSBio-579. *European Journal of Medicinal Chemistry*, v. 66, p. 122-134, 2013.

7. 1.034 SILVA, G. A. P. 2013 SILVA, G. A. P. ; KUMMERLE, A. E. ; Antunes, Fernanda ; FRAGA, CARLOS A.M. ; BARREIRO, Eliezer J. ; ZAPATA-SUDO, G. ; SUDO, ROBERTO T. . Impairment of locomotor activity induced by the novel N-acylhydrazone

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8. 4.99ALENCAR, ALLAN K. N.2013ALENCAR, ALLAN K. N. ; PEREIRA, S. L. ; MONTAGNOLI, TADEU L. ; MAIA, RODOLFO C. ; KÜMMERLE, ARTHUR. E. ; LANDGRAF, SHARON S. ; CARUSO-NEVES, CELSO ; FERRAZ, EMANUELLE B. ; TESCH, ROBERTA ; Nascimento, J. H. M. ; SANTANNA, C. M. R. ; FRAGA, CARLOS A.M.; BARREIRO, Eliezer Jesus de Lacerda ; SUDO, R. T. ; ZAPATA-SUDO, GISELE . Beneficial effects of a novel agonist of the adenosine A_{2A} receptor on monocrotaline-induced p

9. 2.114DA MOTTA, NADIA ALICE VIEIRA2013DA MOTTA, NADIA ALICE VIEIRA ; KÜMMERLE, ARTHUR EUGEN ; MAROSTICA, ELISABETH ; DOS SANTOS, CAROLINE FERNANDES ; FRAGA, CARLOS ALBERTO MANSSOUR; BARREIRO, Eliezer Jesus ; DE MIRANDA, ANA LUISA PALHARES ; DE BRITO, FERNANDA CARLA FERREIRA . Anti-atherogenic Effects of a New Thienylacylhydrazone Derivative, LASSBio-788, in Rats Fed a Hypercholesterolemic Diet. Journal of Pharmacological Sciences, v. 123, p. 47-57, 2013.

10. 2.095LOPES, ALEXANDRA2013LOPES, ALEXANDRA ; MIGUEZ, EDUARDO ; KÜMMERLE, ARTHUR ; RUMJANEK, VICTOR ; FRAGA, CARLOS; BARREIRO, ELIEZER . Characterization of Amide Bond Conformers for a Novel Heterocyclic Template of N-acylhydrazone Derivatives. Molecules, v. 18, p. 11683-11704, 2013.

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12. COSTA, F.N. ; BRAZ, D. ; FERREIRA, F.F. ; DA SILVA, T.F. ; Barreiro, E.J. ; LIMA, L.M. ; COLAÇO, M.V. ; KUPLICH, L. ; BARROSO, R.C. . Synchrotron X-ray powder diffraction data of LASSBio-1515: A new N-acylhydrazone derivative compound. Radiation Physics and Chemistry, v. 89, p. 1-5, 2013.

13. FERREIRA, ELIZABETH IGNE ; BARREIRO, ELIEZER L. ; ANDRADE, CAROLINA HORTA . XII National Meeting of Pharmaceutical Chemistry Professors: could we have now a subarea of Pharmaceutical and Medicinal Chemistry in the CNPq Pharmacy Committee?. Brazilian Journal of Pharmaceutical Sciences, v. 49, p. v-vi, 2013.

14. FRATTANI, F. S. ; CORIOLANO, E. O. ; LIMA, L. M. ; ZINGALI, R. B. ; BARREIRO, E. J. . Oral Antithrombotic Effects of Acylhydrazone Derivatives. Journal of Atherosclerosis and Thrombosis, v. 20, p. 287-295, 2013.

15. COSTA, FANNY N. ; FERREIRA, FABIO FURLAN ; DA SILVA, TIAGO F. ; Barreiro, Eliezer J. ; LIMA, LÍDIA M. ; BRAZ, DELSON ; BARROSO, REGINA C. . Structure Re-determination of LASSBio-294 - a cardioactive compound of the N-

acylhydrazone class - using X-ray powder diffraction data. *Powder Diffraction*, v. 28, p. S491-S509, 2013.

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18. RODRIGUEZ, J. B. R. ; MUZI-FILHO, H. ; VALVERDE, R. ; QUINTAS, L. E. M. ; NOËL, F. ; Lamas, M.E. ; CUNHA, V. M. N. . SERCA2 is present in the rat vas deferens and is modulated by Ca²⁺/calmodulin protein kinase II-mediated phosphorylation. *Brazilian Journal of Medical and Biological Research*, v. 46, p. 227-234, 2013.

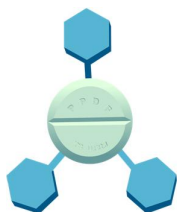
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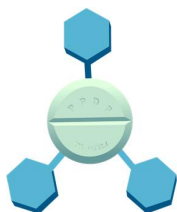
23. NICHOLS, DANIEL B. ; LEÃO, RAQUEL A. C. ; BASU, AMARTYA ; CHUDAYEU, MAKSIM ; DE MORAES, PAULA DE F. ; TALELE, TANAJI T. ; COSTA, PAULO R. R. ; KAUSHIK-BASU, NEERJA . Evaluation of Coumarin and Neoflavone Derivatives as HCV NS5B Polymerase Inhibitors. *Chemical Biology & Drug Design*, v. 81, p. 607-614, 2013.



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**PROGRAMA DE PESQUISA EM
DESENVOLVIMENTO DE FÁRMACOS**

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- 25.** REIS, F. R. S. ; Faria, F C C ; SOUZA, P. S. ; VASCONCELOS, F. C. ; CASTRO, C. P. ; BELLO, R. D. ; SILVA, A. J. ; COSTA, P.R.R. ; MAIA, R. C. . The Therapeutical Potential of a Novel Pterocarpanquinone LQB-118 to Target Inhibitor of Apoptosis Proteins in Acute Myeloid Leukemia Cells. *Anti-Cancer Agents in Medicinal Chemistry* , v. 13, p. 341-351, 2013.
- 26.** PEÇANHA, LIGIA MARIA TORRES ; Fernandes, Patricia Dias ; SIMEN, TATIANA JOTHA-MATTOS ; OLIVEIRA, DANILO RIBEIRO DE ; FINOTELLI, PRISCILLA VANESSA ; PEREIRA, MARINA VIEIRA AGOSTINHO ; BARBOZA, FERNANDA FERREIRA ; ALMEIDA, THAYS DA SILVA ; CARVALHAL, STEPHANIE ; PIERUCCI, ANNA PAOLA TRINDADE ROCHA ; Leitão, Gilda Guimarães ; Rastrelli, Luca ; PICCINELLI, ANNA LISA ; LEITÃO, Suzana Guimarães . Immunobiologic and Antiinflammatory Properties of a Bark Extract from *Ampelozizyphus amazonicus* Ducke. *BioMed Research International* , v. 2013, p. 1-11, 2013.
- 27.** SILVA, RAFAELA RIBEIRO ; E SILVA, DAVI OLIVEIRA ; FONTES, HUMBERTO ROLLEMBERG ; Alviano, Celuta Sales ; Fernandes, Patricia Dias ; Alviano, Daniela Sales . Anti-inflammatory, antioxidant, and antimicrobial activities of *Cocos nucifera* var. *typica*. *BMC Complementary and Alternative Medicine*, v. 13, p. 107-114, 2013.
- 28.** Pinheiro, Mariana M.G. ; FERNANDES, SIDNEI B.O. ; FINGOLO, CATARINA E. ; BOYLAN, FÁBIO ; Fernandes, Patrícia D. . Anti-inflammatory activity of ethanol extract and fractions from *Couroupita guianensis* Aublet leaves. *Journal of Ethnopharmacology*, v. 146, p. 324-330, 2013.
- 29.** FIGUEIREDO, GABRIELA S.M. ; ZARDO, RENATA S. ; Silva, Bárbara V. ; Violante, Flávio A. ; Pinto, Angelo C. ; FERNANDES, PATRICIA D. *Convolutamydine A* and synthetic analogues have antinociceptive properties in mice. *Pharmacology, Biochemistry and Behavior*, v. 103, p. 431-439, 2013.
- 30.** OLIVEIRA, SEVERINO CARLOS B. ; FERNANDES, ISABEL P.G. ; Silva, Bárbara V. ; Pinto, Angelo C. ; OLIVEIRA-BRETT, ANA MARIA . Isatin nitro-derivatives redox behaviour. *Journal of Electroanalytical Chemistry* (1992) , v. 689, p. 207-215, 2013.
- 31.** PRADO, MAÍRA ; SANTOS JÚNIOR, HELVÉCIO M. ; Rezende, Claudia M. ; Pinto, Angelo C. ; FARIA, ROBERTO B. ; SIMÃO, RENATA A. ; GOMES, BRENDA P.F.A. . Interactions between Irrigants Commonly Used in Endodontic Practice: A Chemical Analysis. *Journal of Endodontics* , v. 39, p. 505-510, 2013.
- 32.** SILVA, BIANCA N. M. ; SILVA, BÁRBARA V. ; SILVA, Fernando C. ; Gonzaga, Daniel T. G. ; FERREIRA, V. F. ; Ferreira, Vitor F. ; PINTO, A. C. . Synthesis of Novel Isatin-Type 5'-(4-Alkyl/Aryl-1 -1,2,3-triazoles) via 1,3-Dipolar Cycloaddition Reactions. *Journal of the Brazilian Chemical Society*, v. 24, p. 179-183, 2013.



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