

Gedeon Richter scientific publications 2022

Analytical quality by design-compliant retention modeling for exploring column interchangeabilities in separating ezetimibe and its related substances

Ferencz Elek - Zöldhegyi Arnold - Kelemen Éva Katalin - Obreja, Mona - Urkon Melinda - Sipos Emese - Tóth Gergő - Molnár Imre - Szabó Zoltán István
J. Chromatogr. A 2022. 1682: 463494.

Brain Derived Neurotrophic Factor and Cognitive Dysfunction in the Schizophrenia-Bipolar Spectrum: A Systematic Review and Meta-Analysis

Dombi Zsófia Borbála - Szendi István - Burnet, Philip W.J.
Front. Psychiatry 2022. 13: Article number 827322

Convergent cross-species pro-cognitive effects of RGH-235, a new potent and selective histamine H3 receptor antagonist/inverse agonist

Némethy Zsolt - Kiss Béla - Lethbridge, Natasha - Chazot, Paul - Hajnik Tünde - Tóth Attila - Détári László - Schmidt Éva - Czurkó András - Kostyalik Diána - Oláh Vilmos - Hernádi István - Balázs Ottilia - Vizi E. Szilveszter - Ledneczki István - Mahó Sándor - Román Viktor - Lendvai Balázs - Lévy György
Eur. J. Pharmacol. 2022. 916: Article number 174621.

Diversity Matters: Optimal Collision Energies for Tandem Mass Spectrometric Analysis of a Large Set of N-Glycopeptides

Hevér Helga - Nagy Kinga - Xue Andrea - Sugár Simon - Komka Kinga - Vékey Károly - Drahos László - Révész Ágnes
J. Proteome Res. 2022. 21(11): 2743-2753.

Fully Symmetric Cyclodextrin Polycarboxylates: How to Determine Reliable Protonation Constants from NMR Titration Data

Kalydi Eszter - Malanga, Milo - Ujj Dóra - Benkovics Gábor - Szakács Zoltán - Béni Szabolcs
Int. J. Mol. Sci. 2022. 23(22): Article number 14448.

hERG Optimization of Benzofuro-Pyridine and Pyrazino-Indole Derivatives as MCHR1 Antagonists

Huszár József - Bozó Éva - Beke Gyula - Szalai Krisztina Katalin - Kardos Péter - Boros András - Greiner István - Éles János
ChemMedChem 2022. 17(7): e202100707.

Intranasal Oxytocin Improves Social Behavior in Laboratory Beagle Dogs (Canis familiaris) Using a Custom-Made Social Test Battery

Turcsán Borbála - Román Viktor - Lévy György - Lendvai Balázs - Soukupné Kedves Rita - Petró Eszter - Topál József
Front. Vet. Sci. 2022. 9: 785805.

Maternal P2X7 receptor inhibition prevents autism-like phenotype in male mouse offspring through the NLRP3-IL-1beta pathway

Szabó Dorottya - Tod Pál - Göllöncsér Flóra - Román Viktor - Lendvai Balázs - Otrókoci Lilla - Sperlág Beáta
Brain Behav. Immun. 2022. 101: 318-332.

Multiparameter Optimization of Naphthyridine Derivatives as Selective alpha5-GABAA Receptor Negative Allosteric Modulators

Szabó György - Éliás Olivér - Erdélyi Péter - Potor Attila - Túrós György István - Károlyi Benedek Imre - Varró Gábor - Vaskó Ágnes Gyöngyvér - Bata Imre - Kapus Gábor László - Dohányos Zoltán - Bobok

Amrita Ágnes - Fodor László - Thán Márta - Vastag Mónika - Komlódi Zsolt - Soukupné Kedves Rita - Makó Éva - Süveges Brigitta - Greiner István
J. Med. Chem. 2022. 65(11): 7876-7895.

Multistep batch-flow hybrid synthesis of a terbinafine precursor

Hergert Tamás - Mátravölgyi Béla - Örkényi Róbert - Éles János - Faigl Ferenc
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On the role of „mental leaps” in small-molecule structure elucidation by NMR spectroscopy

Weber Márton - Szigetvári Áron - Halmai Mónika - Keglevich Péter - Szántay Csaba, ifj.
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Phosphonate Derivatives of Paracetamol and Valproic Acid

Ballók Renáta - Kis-Varga Ágnes - Erdélyi Péter - Fischer János
ChemMedChem 18(4): e202200526.

Real-time amino acid and glucose monitoring system for the automatic control of nutrient feeding in CHO cell culture using Raman spectroscopy

Domján Júlia - Pantea Eszter - Gyürkés Martin - Madarász Lajos - Kozák Dóra - Farkas Attila. - Horváth Balázs - Benkő Zsuzsanna - Nagy Zsombor Kristóf - Marosi György János - Hirsch Edit
Biotechnol. J. 2022. 17(5): e2100395.

Response-related sensorimotor rhythms under scopolamine and MK-801 exposures in the touchscreen visual discrimination test in rats

Kostyalik Diána – Kelemen Kristóf – Lendvai Balázs – Hernádi István – Román Viktor – Lévay György
Sci. Rep. 2022. 12: Article number 8168

Safe and Rapid Synthesis and Utilization of 2-Azidopyridine and Related Derivatives via Continuous Flow Diazotization

Szemesi Péter - Bana Péter - Szakács Zoltán - Greiner István - Éles János
Curr. Org. Chem. 2022. 26(24): 2223-2229.

Sulfobutylation of Beta-Cyclodextrin Enhances the Complex Formation with Mitragynine: An NMR and Chiroptical Study

Várnai Bianka - Zsila Ferenc - Szakács Zoltán - Garádi Zsófia - Malanga, Milo - Béni Szabolcs
Int. J. Mol. Sci. 2022. 23(7): 3844.

Synthesis of Novel Vindoline-Chrysin Hybrids

Mayer Szabolcs - Nagy Nóra - Keglevich Péter - Szigetvári Áron - Dékány Miklós - Szántay Csaba, ifj. - Hazai László
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Synthesis of Steroidal Thioethers via [HDBU][OAc]-Mediated Michael Addition of Thiols to 16-Dehydropregnenolone

Maksó Lilla - Kovács Krisztina - Andreidesz Kitti - Gömörly Ágnes - Mahó Sándor - Skoda-Földes Rita
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Triterpenes from Pholiota populnea as Cytotoxic Agents and Chemosensitizers to Overcome Multidrug Resistance of Cancer Cells

Yazdani, Morteza - Béni Zoltán - Dékány Miklós - Szemerédi Nikoletta - Spengler Gabriella - Hohmann Judit - Ványolós Attila
J. Nat. Prod. 2022. 85(4): 910-916.

6-Aryl-quinazolines as novel GABAB receptor positive allosteric modulators

Huszár József - Petró József Levente - Hadady Zsuzsa - Bobok Amrita Ágnes - Sághy Katalin - Halász Attila Sándor - Hornyánszky Gábor - Román Viktor - Greiner István - Éles János
Bioorg. Med. Chem. Lett. 2022. 67: Article number 128714.