Publikációk/Publications

2022.

Közlemények ISSN kiadványban (cikkek)/Articles in periodicals

1. **Alaoui N-E El; Boulhaoua M; Hutai D; Oláh-Szabó R; Bősze S; Hudecz F; Csámpai A.** Synthetic and DFT Modeling Studies on Suzuki–Miyaura Reactions of 4,5-Dibromo-2-methylpyridazin-3(2H)-one with Ferrocene Boronates, Accompanied by Hydrodebromination and a Novel Bridge-Forming Annulation In Vitro Cytotoxic Activity of the Ferrocenyl–Pyridazinone Products. *Catalysts 2022; 12(6): 578. doi: 10.3390/catal12060578*
2. **Duró C, Jernei T, Szekeres KJ, Láng GG, Oláh-Szabó R, Bősze S, Szabó I, Hudecz F, Csámpai A.** Synthesis and SAR Analysis of Novel 4-Hydroxytamoxifen Analogues Based on Their Cytotoxic Activity and Electron-Donor Character. *Molecules. 2022 Oct 10;27(19):6758. doi: 10.3390/molecules27196758.*
3. **Dürvanger Z, Boros E, Nagy ZA, Hegedüs R, Megyeri M, Dobó J, Gál P, Schlosser G, Ángyán AF, Gáspári Z, Perczel A, Harmat V, Mező G, Menyhárd DK, Pál G.** Directed Evolution-Driven Increase of Structural Plasticity Is a Prerequisite for Binding the Complement Lectin Pathway Blocking MASP-Inhibitor Peptides. *ACS Chem Biol. 2022 Apr 15;17(4):969-986. doi: 10.1021/acschembio.2c00114.*
4. **Farkasinszky G, Dénes N, Rácz S, Kis A, Péliné JS, Opposits G, Veres G, Balkay L, Kertész I, Mező G, Hunyadi J, Trencsényi G.** In Vivo Imaging of Ischemia/Reperfusion-mediated Aminopeptidase N Expression in Surgical Rat Model Using 68Ga-NOTA-c(NGR). *In Vivo. 2022 Mar-Apr;36(2):657-666. doi: 10.21873/invivo.12750*
5. **Gyebrovszki B, Ács A, Szabó D, Auer F, Novozánszki S, Rojkovich B, Magyar A, Hudecz F, Vékey K, Drahos L, Sármay G.** The Role of IgG Fc Region N-Glycosylation in the Pathomechanism of Rheumatoid Arthritis. *Int J Mol Sci. 2022 May 23;23(10):5828. doi: 10.3390/ijms23105828.*
6. **Horváth LB, Krátký M, Pflégr V, Méhes E, Gyulai G, Kohut G, Babiczky Á, Biri-Kovács B, Baranyai Z, Vinšová J, Bősze S.** Host cell targeting of novel antimycobacterial 4-aminosalicylic acid derivatives with tuftsin carrier peptides. *Eur J Pharm Biopharm. 2022 May;174:111-130. doi: 10.1016/j.ejpb.2022.03.009.*
7. **Kiss K, Hegedüs K, Vass P, Vári-Mező D, Farkas A, Nagy ZK, Molnár L, Tóvári J, Mező G, Marosi G.** Development of fast-dissolving dosage forms of curcuminoids by electrospinning for potential tumor therapy application. *Int J Pharm. 2022 Jan 5;611:121327. doi: 10.1016/j.ijpharm.2021.121327.*
8. **Péter B, Farkas E, Kurunczi S, Szittner Z, Bősze S, Ramsden JJ, Szekacs I, Horvath R.** Review of Label-Free Monitoring of Bacteria: From Challenging Practical Applications to Basic Research Perspectives. *Biosensors (Basel). 2022 Mar 22;12(4):188. doi: 10.3390/bios12040188.*

9. **PETER B; KANYO N; SZEKACS I; CSAMPAI A; BOSZE S; HORVATH R.** Epigallocatechin-gallate tailors the cell adhesivity of fibronectin coatings in oxidation and concentration-dependent manner. *Materials Advances 2022;3(23):8684-8694. doi: 10.1039/D2MA00765G.*
10. **PETHŐ L, OLÁH-SZABÓ R, MEZŐ G.** Influence of the Drug Position on Bioactivity in Angiopep-2-Daunomycin Conjugates. *Int J Mol Sci. 2023 Feb 4;24(4):3106. doi: 10.3390/ijms24043106.*
11. **SCHUSTER S, JUHÁSZ É, HALMOS G, NEUNDORF I, GENNARI C, MEZŐ G.** Development and Biochemical Characterization of Self-Immolative Linker Containing GnRH-III-Drug Conjugates. *Int J Mol Sci. 2022 May 3;23(9):5071. doi: 10.3390/ijms23095071.*
12. **STECKEL A; RÉVÉSZ Á; PAPP D; URAY K; DRAHOS L; SCHLOSSER G.** Stepwise Collision Energy-Resolved Tandem Mass Spectrometric Experiments for the Improved Identification of Citrullinated Peptides. *J. Am. Soc. Mass Spectrom. 2022 May; 33:1176–1186. doi: 10.1021/jasms.2c00031*
13. **SZABÓ I, YOUSEF M, SOLTÉSZ D, BATÓ C, MEZŐ G, BÁNÓCZI Z.** Redesigning of Cell-Penetrating Peptides to Improve Their Efficacy as a Drug Delivery System. *Pharmaceutics. 2022 Apr 21;14(5):907. doi: 10.3390/pharmaceutics14050907.*
14. **SZABO JP, DENES N, ARATO V, RACZ S, KIS A, OPPOSITS G, KEPES Z, HAJDU I, JOSZAI I, EMRI M, KERTESZ I, MEZO G, TRENCSENYI G.** *In Vivo* Imaging of Neo-angiogenesis of Transplanted Metastases in Subrenal Capsule Assay Induced Rat Model. *In Vivo. 2022 Jul-Aug;36(4):1667-1675. doi: 10.21873/invivo.12878.*
15. **VARGA PR, BELOVICS A, BAGI P, TÓTH S, SZAKÁCS G, BŐSZE S, SZABÓ R, DRAHOS L, KEGLEVICH G.** Efficient Synthesis of Acylated, Dialkyl α-Hydroxy-Benzylphosphonates and Their Anticancer Activity. *Molecules 2022 Mar 23;27(7):2067. doi: 10.3390/molecules27072067.*
16. **YOUSEF M, SZABÓ I, MURÁNYI J, ILLIEN F, SOLTÉSZ D, BATÓ C, TÓTH G, BATTA G, NAGY P, SAGAN S, BÁNÓCZI Z.** Cell-Penetrating Dabcyl-Containing Tetraarginines with Backbone Aromatics as Uptake Enhancers. *Pharmaceutics. 2022 Dec 31;15(1):141. doi: 10.3390/pharmaceutics15010141.*

Szabadalmak

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