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Eğitim Bilgileri

Doktora, Anadolu Üniversitesi, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), Türkiye 1996 - 2003

Yüksek Lisans, Anadolu Üniversitesi, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), Türkiye 1994 - 1996

Lisans, Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Türkiye 1990 - 1994

Yaptığı Tezler

Doktora, Bazı 4-fenil/siklohegzil-5-(1-fenoksietil)-2,4-dihidro-3H-1,2,4- triazol-3-tiyon türevlerinin sentezleri ve antifungal, antibakteriyel aktivitelerinin araştırılması, Anadolu Üniversitesi, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), 2003

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Araştırma Alanları

Farmasötik Kimya

Akademik Unvanlar / Görevler

Prof.Dr., Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2012 - Devam Ediyor

Doç.Dr., Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2006 - 2012

Yrd.Doç.Dr., Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2004 - 2006

Araştırma Görevlisi, Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 1995 - 2004

Akademik İdari Deneyim

Anadolu Üniversitesi, 2019 - Devam Ediyor

Anadolu Üniversitesi, 2013 - 2018

Anadolu Üniversitesi, 2013 - 2014

Verdiği Dersler

FARMASÖTİK KİMYA III, Lisans, 2013 - 2014, 2011 - 2012, 2009 - 2010, 2007 - 2008, 2005 - 2006, 2003 - 2004

Yönetilen Tezler

Kaplancıklı Z. A., Synthesis of new compounds containing methylsulfonyl pharmacophore and investigation of selective COX-2 inhibitory activities., Yüksek Lisans, T.FALAH(Öğrenci), 2023

Kaplancıklı Z. A., Yeni heterosiklik bileşiklerin sentezi ve asetilkolin esteraz ve monoamin oksidaz inhibitör etkilerinin araştırılması, Yüksek Lisans, B.KURBAN(Öğrenci), 2023

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Kaplancıklı Z. A., Yeni siklooksijenaz inhibitörü bileşiklerin tasarımları, sentezi ve biyolojik aktivite çalışmaları, Doktora, B.KAYA(Öğrenci), 2019

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Altintop M. D., Kaplancıklı Z. A., Yeni triazolotiyadiazin türevlerinin sentezi ve biyolojik etki çalışmaları, Yüksek Lisans, B.SEVER(Öğrenci), 2015

Kaplancıklı Z. A., Bazı yeni tiyazolin türevlerinin sentezleri ve antimikrobiyal etkilerinin araştırılması, Doktora, M.DİLEK(Öğrenci), 2012

Kaplancıklı Z. A., Bazı 1-(2-aryl-2-okzoetyl)-2-[(morpholin-4-il)tiyoksometil]benzimidazol türevlerinin sentezi ve antikanser etkilerinin araştırılması, Doktora, L.YURTTAŞ(Öğrenci), 2012

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. Design, Synthesis, and Biological Effect Studies of Novel Benzofuran-Thiazolylhydrazone Derivatives as Monoamine Oxidase Inhibitors

Osmanıye D., Sağlık Özkan B. N., Levent S., Acar Çevik U., İlgin S., Yurttaş L., Özkay Y., Karaburun A. Ç., Kaplancıklı Z. A., Gündoğdu-Karaburun N.

ACS OMEGA, cilt.9, sa.10, ss.11388-11397, 2024 (SCI-Expanded)

II. Synthesis, characterization, biological evaluation and in silico studies of novel 1,3,4-thiadiazole derivatives as aromatase inhibitors

Demiraran S., OSMANIYE D., ÖZKAY Y., KAPLANCIKLİ Z. A., TOK F.

JOURNAL OF MOLECULAR STRUCTURE, cilt.1296, 2024 (SCI-Expanded)

III. Design, synthesis and biological evaluation of novel ketone derivatives containing benzimidazole and 1,3,4-triazole as CA inhibitors

ACAR ÇEVİK U., Isık A., Kapavarapu R., Kucukoglu K., NADAROĞLU H., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLİ Z. A.

JOURNAL OF MOLECULAR STRUCTURE, cilt.1295, 2024 (SCI-Expanded)

- IV. Design, synthesis, and molecular docking studies of benzimidazole-1,3,4-triazole hybrids as carbonic anhydrase I and II inhibitors**
ÇELİK İ., Cevik U. A., Kucukoglu K., NADAROĞLU H., BOSTANCI H. E., Isik A., ÖZKAY Y., KAPLANCIKLI Z. A.
CHEMICAL BIOLOGY & DRUG DESIGN, cilt.103, sa.1, 2024 (SCI-Expanded)
- V. Synthesis of Imidazole-Thiazole Derivatives as Acetylcholinesterase and Butyrylcholinesterase Inhibitory Activities**
Karakaya A., Çevik U. A., Erçetin T., ÖZKAY Y., KAPLANCIKLI Z. A.
Pharmaceutical Chemistry Journal, cilt.57, sa.9, ss.1439-1443, 2023 (SCI-Expanded)
- VI. Design, synthesis, biological activities, and evaluation of molecular docking-dynamics studies of new thiosemicarbazones that may be effective against Alzheimer's disease**
Conger N., OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
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- VII. Design, synthesis, and biological activity studies of carbonic anhydrase inhibitors**
Erzurum D., OSMANIYE D., SAĞLIK ÖZKAN B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, cilt.78, sa.11-12, ss.421-432, 2023 (SCI-Expanded)
- VIII. Synthesis of Imidazole-2,3-dihydrothiazole Compounds as VEGFR-2 Inhibitors and Their Support with in Silico Studies**
OSMANİYE D., Bozkurt N. B., Kurban B., Yardimci G. B., ÖZKAY Y., KAPLANCIKLI Z. A.
CHEMISTRY & BIODIVERSITY, cilt.20, sa.9, 2023 (SCI-Expanded)
- IX. Synthesis of novel thiazol-2(3H)-imine derivatives as ergosterol biosynthesis inhibitors, and elucidation of their structures using a 2D NMR technique**
OSMANİYE D., LEVENT S., SAĞLIK B. N., Gorgulu S., ÖZKAY Y., KAPLANCIKLI Z. A.
NEW JOURNAL OF CHEMISTRY, cilt.47, sa.37, ss.17558-17566, 2023 (SCI-Expanded)
- X. Synthesis and Anticancer Activities of Pyrazole-Thiadiazole-Based EGFR Inhibitors**
Kurban B., SAĞLIK B. N., OSMANIYE D., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
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- XI. Design, synthesis, and molecular docking studies of novel quinoxaline derivatives as anticancer agents**
Ali S. H., OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
Chemical Biology and Drug Design, cilt.102, sa.2, ss.303-315, 2023 (SCI-Expanded)
- XII. Design, synthesis, evaluation of biological activities and molecular docking and dynamic studies of novel acetazolamide analog compounds**
OSMANİYE D., Yuva O., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
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- XIII. Synthesis of new compounds bearing methyl sulfonyl pharmacophore as selective COX-2 inhibitor**
Almarsoomi T., OSMANIYE D., SAĞLIK B. N., LEVENT S., Ghani U., ÖZKAY Y., KAPLANCIKLI Z. A.
Journal of Molecular Recognition, cilt.36, sa.7, 2023 (SCI-Expanded)
- XIV. Synthesis, Antifungal Activities, Molecular Docking and Molecular Dynamic Studies of Novel Quinoxaline-Triazole Compounds**
OSMANİYE D., Bozkurt N. B., LEVENT S., Yardimci G. B., SAĞLIK B. N., ÖZKAY Y., KAPLANCIKLI Z. A.
ACS OMEGA, sa.27, ss.24573-24585, 2023 (SCI-Expanded)
- XV. New benzimidazole-oxadiazole derivatives: Synthesis, alpha-glucosidase, alpha-amylase activity, and molecular modeling studies as potential antidiabetic agents**
ACAR ÇEVİK U., ÇELİK İ., PASHAYEVA L., FATULLAYEV H., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLI Z. A.
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- XVI. New imidazole derivatives as aromatase inhibitor: Design, synthesis, biological activity, molecular docking, and computational ADME-Tox studies**
Cetiner G., ACAR ÇEVİK U., ÇELİK İ., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLI Z. A.
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- XVII. Synthesis, Biological Evaluation, and Molecular Modeling Studies of New 1,3,4-Thiadiazole**

Derivatives as Potent Antimicrobial Agents

ACAR ÇEVİK U., ÇELİK İ., İNCE U., Maryam Z., Ahmad I., Patel H., ÖZKAY Y., KAPLANCIKLİ Z. A.

CHEMISTRY & BIODIVERSITY, cilt.20, 2023 (SCI-Expanded)

- XVIII. **Design, Synthesis, and Biological Evaluation Studies of Novel Naphthalene-Chalcone Hybrids As Antimicrobial, Anticandidal, Anticancer, and VEGFR-2 Inhibitors**

OSMANİYE D., SAĞLIK B. N., Khalilova N., LEVENT S., Bayazit G., GÜL Ü. D., ÖZKAY Y., KAPLANCIKLİ Z. A.

ACS OMEGA, cilt.8, ss.6669-6678, 2023 (SCI-Expanded)

- XIX. **Novel thiadiazol derivatives; design, synthesis, biological activity, molecular docking and molecular dynamics**

OSMANİYE D., Evren A. E., Karaca Ş., ÖZKAY Y., KAPLANCIKLİ Z. A.

JOURNAL OF MOLECULAR STRUCTURE, cilt.1272, 2023 (SCI-Expanded)

- XX. **Synthesis, biological evaluation and in silico studies of novel thiadiazole-hydrazone derivatives for carbonic anhydrase inhibitory and anticancer activities**

BOSTANCI H. E., ÇEVİK U., Kapavarapu R., Guldiken Y. C., Inan Z. D. S., Gueler O. O., UYSAL T. K., Uytun A., Cetin F. N., ÖZKAY Y., et al.

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- XXI. **Synthesis and Molecular Docking of New N-Acyl Hydrazones-Benzimidazole as hCA I and II Inhibitors**

Kucukoglu K., ACAR ÇEVİK U., NADAROĞLU H., ÇELİK İ., Isik A., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLİ Z. A.

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- XXII. **Design, synthesis and molecular docking and ADME studies of novel hydrazone derivatives for AChE inhibitory, BBB permeability and antioxidant effects**

OSMANİYE D., Ahmad I., SAĞLIK B. N., LEVENT S., Patel H. M., ÖZKAY Y., KAPLANCIKLİ Z. A.

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- XXIII. **Synthesis, and docking studies of novel tetrazole-S-alkyl derivatives as antimicrobial agents**

ACAR ÇEVİK U., ÇELİK İ., Isik A., GÜL Ü. D., Bayazit G., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLİ Z. A.

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- XXIV. **Synthesis of Benzimidazole-1,2,4-triazole Derivatives as Potential Antifungal Agents Targeting 14 alpha-Demethylase**

Guzel E., ACAR ÇEVİK U., EVREN A. E., BOSTANCI H. E., GÜL Ü. D., KAYİŞ U., ÖZKAY Y., KAPLANCIKLİ Z. A.

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- XXV. **Design, synthesis, molecular modeling, DFT, ADME and biological evaluation studies of some new 1,3,4-oxadiazole linked benzimidazoles as anticancer agents and aromatase inhibitors**

ACAR ÇEVİK U., ÇELİK İ., Isik A., Ahmad I., Patel H., ÖZKAY Y., KAPLANCIKLİ Z. A.

JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.41, sa.5, ss.1944-1958, 2023 (SCI-Expanded)

- XXVI. **Synthesis, Molecular Docking, Dynamics, Quantum-Chemical Computation, and Antimicrobial Activity Studies of Some New Benzimidazole-Thiadiazole Hybrids**

ÇELİK İ., Çevik U., Karayel A., İşlk A., Kayış U., GÜL Ü. D., Bostancı H. E., KONCA S. F., ÖZKAY Y., Kaplancıklı Z. A.

ACS OMEGA, cilt.7, sa.50, ss.47015-47030, 2022 (SCI-Expanded)

- XXVII. **Design, Synthesis, and In Vitro and In Silico Approaches of Novel Indanone Derivatives as Multifunctional Anti-Alzheimer Agents**

SAĞLIK B. N., LEVENT S., OSMANIYE D., EVREN A. E., KARADUMAN A. B., ÖZKAY Y., KAPLANCIKLİ Z. A.

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- XXVIII. **Benzimidazole-hydrazone derivatives: Synthesis, in vitro anticancer, antimicrobial, antioxidant activities, in silico DFT and ADMET studies**

Isik A., Cevik U., ÇELİK İ., BOSTANCI H. E., KARAYEL A., Gundogdu G., İNCE U., KOÇAK A., ÖZKAY Y., KAPLANCIKLİ Z. A.

JOURNAL OF MOLECULAR STRUCTURE, cilt.1270, 2022 (SCI-Expanded)

- XXIX. **Synthesis of novel thiosemicarbazone derivatives and investigation of their dual AChE and MAO-B inhibitor effects**

- Uytun A. N., OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF MOLECULAR RECOGNITION, cilt.35, sa.12, 2022 (SCI-Expanded)
- XXX. **Design, synthesis and biological evaluation of a new series of arylidene indanones as small molecules for targeted therapy of non-small cell lung carcinoma and prostate cancer**
Altintop M. D., Özdemir A., Temel H. E., Cevizlidere B. D., Sever B., Kaplancıklı Z. A., Akalın Çiftçi G.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.244, 2022 (SCI-Expanded)
- XXXI. **Synthesis of new derivatives containing pyridine, investigation of MAO inhibitory activities and molecular docking studies**
OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A., TURAN G.
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- XXXII. **Synthesis, characterization, molecular docking, dynamics simulations, and in silico absorption, distribution, metabolism, and excretion (ADME) studies of new thiazolylhydrazone derivatives as butyrylcholinesterase inhibitors**
Isik A., Cevik U., ÇELİK İ., Ercetin T., KOÇAK A., ÖZKAY Y., KAPLANCIKLI Z. A.
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- XXXIII. **Design, synthesis, biological activity evaluation and in silico studies of new nicotinohydrazide derivatives as multi-targeted inhibitors for Alzheimer's disease**
TOK F., SAĞLIK B. N., ÖZKAY Y., KAPLANCIKLI Z. A., KAYMAKÇIOĞLU B.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1265, 2022 (SCI-Expanded)
- XXXIV. **Design, synthesis and molecular docking studies of novel benzimidazole-1,3,4-oxadiazole hybrids for their carbonic anhydrase inhibitory and antioxidant effects**
Kucukoglu K., Cevik U., NADAROĞLU H., ÇELİK İ., Isik A., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLI Z. A.
MEDICINAL CHEMISTRY RESEARCH, cilt.31, sa.10, ss.1771-1782, 2022 (SCI-Expanded)
- XXXV. **Synthesis of New Pyrimidine-Triazole Derivatives and Investigation of Their Anticancer Activities**
OSMANİYE D., Hidir A., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
CHEMISTRY & BIODIVERSITY, cilt.19, sa.8, 2022 (SCI-Expanded)
- XXXVI. **Design, synthesis, and biological activity of novel dithiocarbamate-methylsulfonyl hybrids as carbonic anhydrase inhibitors**
OSMANİYE D., TÜRKES C., Demir Y., ÖZKAY Y., BEYDEMİR Ş., KAPLANCIKLI Z. A.
ARCHIV DER PHARMAZIE, cilt.355, sa.8, 2022 (SCI-Expanded)
- XXXVII. **Synthesis of novel benzothiazole derivatives and investigation of their enzyme inhibitory effects against Alzheimer's disease**
Karaca Ş., Osmaniye D., Sağlık B. N., Levent S., Ilgin S., Özkay Y., Karaburun A. Ç., Kaplancıklı Z. A., Gündoğdu-Karaburun N.
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- XXXVIII. **N-Substituted Arylidene-3-(Methylsulfonyl)-2-Oxoimidazolidine-1-Carbohydrazide as Cholinesterase Inhibitors: Design, Synthesis, and Molecular Docking Study**
TOK F., SAĞLIK B. N., ÖZKAY Y., KAPLANCIKLI Z. A., KAYMAKÇIOĞLU B.
CHEMISTRY & BIODIVERSITY, cilt.19, sa.8, 2022 (SCI-Expanded)
- XXXIX. **Thiazole inhibitors of α -glucosidase: Positional isomerism modulates selectivity, enzyme binding and potency of inhibition**
Ghani U., Ashraf S., Haq Z. U., KAPLANCIKLI Z. A., DEMİRCİ F., ÖZKAY Y., Afzal S.
Computational Biology and Chemistry, cilt.98, 2022 (SCI-Expanded)
- XL. **Design, synthesis, molecular docking and molecular dynamics studies of novel triazolothiadiazine derivatives containing furan or thiophene rings as anticancer agents**
OSMANİYE D., Karaca Ş., Kurban B., BAYSAL M., Ahmad I., Patel H., ÖZKAY Y., KAPLANCIKLI Z. A.
BIOORGANIC CHEMISTRY, cilt.122, 2022 (SCI-Expanded)
- XLI. **Design, Synthesis, and Molecular Modeling Studies of a Novel Benzimidazole as an Aromatase Inhibitor**

- ACAR ÇEVİK U., ÇELİK İ., Mella J., Mellado M., Oszkay Y., KAPLANCIKLI Z. A.
ACS OMEGA, cilt.7, sa.18, ss.16152-16163, 2022 (SCI-Expanded)
- XLII. Design, Synthesis, and Evaluation of Novel 2H-Benzo[b][1,4]thiazin-3(4H)-one Derivatives as New Acetylcholinesterase Inhibitors**
Ali S. H., OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
MOLECULES, cilt.27, sa.7, 2022 (SCI-Expanded)
- XLIII. Novel imidazole derivatives as potential aromatase and monoamine oxidase-B inhibitors against breast cancer**
OSMANİYE D., LEVENT S., SAĞLIK B. N., KARADUMAN A. B., ÖZKAY Y., KAPLANCIKLI Z. A.
NEW JOURNAL OF CHEMISTRY, cilt.46, sa.16, ss.7442-7451, 2022 (SCI-Expanded)
- XLIV. Synthesis and biological evaluation of novel 1,3,4-oxadiazole derivatives as anticancer agents and potential EGFR inhibitors**
OSMANİYE D., Gorgulu S., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF HETEROCYCLIC CHEMISTRY, cilt.59, sa.3, ss.518-532, 2022 (SCI-Expanded)
- XLV. Novel thiazolyl-hydrazone derivatives including piperazine ring: synthesis, in vitro evaluation, and molecular docking as selective MAO-A inhibitor**
OSMANİYE D., Alasan R., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, cilt.77, sa.3-4, ss.167-175, 2022 (SCI-Expanded)
- XLVI. Design, synthesis, biological activity, molecular docking, and molecular dynamics of novel benzimidazole derivatives as potential AChE/MAO-B dual inhibitors**
OSMANİYE D., Evren A. E., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ARCHIV DER PHARMAZIE, cilt.355, sa.3, 2022 (SCI-Expanded)
- XLVII. Synthesis, molecular modeling, quantum mechanical calculations and ADME estimation studies of benzimidazole-oxadiazole derivatives as potent antifungal agents**
ACAR ÇEVİK U., ÇELİK İ., Isik A., Pillai R. R., Tallei T. E., Yadav R., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1252, 2022 (SCI-Expanded)
- XLVIII. Design and synthesis of novel chalcone derivatives and evaluation of their inhibitory activities against acetylcholinesterase**
Ceyhun I., Karaca Ş., OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ARCHIV DER PHARMAZIE, cilt.355, sa.3, 2022 (SCI-Expanded)
- XLIX. Synthesis of new benzimidazole derivatives containing 1,3,4-thiadiazole: their in vitro antimicrobial, in silico molecular docking and molecular dynamic simulations studies**
Cevik U., Isik A., Evren A. E., Kapusiz O., Gul U. D., Ozkay Y., Kaplancikli Z. A.
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, cilt.33, sa.11, ss.899-914, 2022 (SCI-Expanded)
- L. Synthesis and molecular modelling of thiadiazole based hydrazone derivatives as acetylcholinesterase and butyrylcholinesterase inhibitory activities**
Isik A., ACAR ÇEVİK U., Karayel A., ÇELİK İ., Ercetin T., Kocak A., Ozkay Y., Kaplancikli Z. A.
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, cilt.33, sa.3, ss.193-214, 2022 (SCI-Expanded)
- LI. The 4-(dimethylaminoalkyl)piperazine inhibitors of alpha-glucosidase: allosteric enzyme inhibition and identification of interacting chemical groups**
Ghani U., Ashraf S., Ul Haq Z., KAPLANCIKLI Z. A., DEMİRCİ F., ÖZKAY Y., Afzal S.
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- LII. Design, synthesis, in vitro and in silico studies of some novel triazoles as anticancer agents for breast cancer**
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- LIII. Design, synthesis, in vitro, and in silico studies of 1,2,4-triazole-piperazine hybrid derivatives as potential MAO inhibitors**
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- LIV. **Novel Thiosemicarbazone Derivatives: In Vitro and In Silico Evaluation as Potential MAO-B Inhibitors**
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- LV. **Design, Synthesis and Biological Evaluation of New N-Acyl Hydrazones with a Methyl Sulfonyl Moiety as Selective COX-2 Inhibitors**
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- LVI. **Synthesis of new hydrazone derivatives and evaluation of their monoamine oxidase inhibitory activity**
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- LVII. **Design, synthesis, in vitro and in silico studies of some novel thiazole-dihydrofuran derivatives as aromatase inhibitors**
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- LVIII. **Dithiocarbamate derivatives inhibit alpha-glucosidase through an apparent allosteric site on the enzyme**
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- LIX. **Novel 2,5-disubstituted-1,3,4-oxadiazole derivatives as MAO-B inhibitors: Synthesis, biological evaluation and molecular modeling studies**
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- LX. **Design, synthesis, biological evaluation, and docking studies of some novel chalcones as selective COX-2 inhibitors**
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- LXI. **Design, synthesis and biological assessment of new selective COX-2 inhibitors including methyl sulfonyl moiety**
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- LXII. **Synthesis of some new benzoxazole derivatives and investigation of their anticancer activities**
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- LXIII. **Design, Synthesis and Biological Evaluation of a Novel Series of Thiadiazole-Based Anticancer Agents as Potent Angiogenesis Inhibitors**
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- LXVII. **Design, Synthesis, and Structure-Activity Relationships of Thiazole Analogs as Anticholinesterase Agents for Alzheimer's Disease**

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- LXVIII. **Novel 1,3,4-thiadiazole compounds as potential MAO-A inhibitors - design, synthesis, biological evaluation and molecular modelling**

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- LXIX. **Design, Synthesis, and Biological Activity Evaluation of New Donepezil-Like Compounds Bearing Thiazole Ring for the Treatment of Alzheimer's Disease**

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- LXX. **Synthesis, characterization and carbonic anhydrase I and II inhibitory evaluation of new sulfonamide derivatives bearing dithiocarbamate**

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- LXXI. **Multifunctional quinoxaline-hydrazone derivatives with acetylcholinesterase and monoamine oxidases inhibitory activities as potential agents against Alzheimer's disease**

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- LXXII. **Synthesis and monoamine oxidase A/B inhibitory evaluation of new benzothiazole-thiazolylhydrazine derivatives**

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- LXXIV. **Synthesis and docking study of benzimidazole-triazolothiadiazine hybrids as aromatase inhibitors**

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- LXXV. **Synthesis, Docking Studies and Biological Activity of New Benzimidazole- Triazolothiadiazine Derivatives as Aromatase Inhibitor**

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- LXXVI. **Synthesis and characterization of a new series of thiadiazole derivatives as potential anticancer agents**

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- LXXVII. **Synthesis, anticancer evaluation and molecular docking studies of new benzimidazole-1,3,4-**

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LXXXV. Synthesis and biological evaluation of new pyrazolone Schiff bases as monoamine oxidase and cholinesterase inhibitors

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LXXXVI. Synthesis and Antifungal Potential of Some Novel Benzimidazole-1,3,4-Oxadiazole Compounds

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- XCIV. **Design, synthesis, monoamine oxidase inhibition and docking studies of new dithiocarbamate derivatives bearing benzylamine moiety**
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- XCIX. **Synthesis and Mosquitocidal Activity of a Series of Hydrazone Derivatives against Aedes aegypti**
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- CX. **Synthesis and biological evaluation of some new pyrimidine bearing 2,5-disubstituted 1,3,4-oxadiazole derivatives as cytotoxic agents**
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- CXVI. **Synthesis, Molecular Docking Studies, and Antifungal Activity Evaluation of New Benzimidazole-Triazoles as Potential Lanosterol 14 alpha-Demethylase Inhibitors**
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- CXVII. **Synthesis, Antibacterial, Antifungal, Antimycobacterial Activity Evaluation of Novel 1,2,4-triazole Derivatives Bearing 4-Aminophenyl Moiety**
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- CXVIII. **Synthesis and Evaluation of A New Series of Thiazole Derivatives as Potential Antitumor Agents and MMP Inhibitors**
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- CXIX. **Design, synthesis, and evaluation of novel 2-phenylpropionic acid derivatives as dual COX inhibitory-antibacterial agents**
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- CXX. **Synthesis and evaluation of new benzodioxole-based dithiocarbamate derivatives as potential anticancer agents and hCA-I and hCA-II inhibitors**
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- CXXI. **Novel 1-(2-pyrimidin-2-yl)piperazine derivatives as selective monoamine oxidase (MAO)-A inhibitors**
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- CXXII. **New N'-Arylidene-2-[(4-Nitrophenyl) Piperazin-1-yl]Acetohydrazide Derivatives: Synthesis and Anticancer Activity Investigation**
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- CXXIII. **Synthesis and Evaluation of New Benzodioxole-Based Thiosemicarbazone Derivatives as Potential Antitumor Agents**
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- CXXIV. **Antimicrobial and Cytotoxic Evaluation of New Quinazoline Derivatives**
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- CXXV. **Synthesis and Evaluation of New 1,3,4-Thiadiazole Derivatives as Antinociceptive Agents**
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- CXXVI. **Synthesis and evaluation of naphthalene-based thiosemicarbazone derivatives as new anticancer agents against LNCaP prostate cancer cells**
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- CXXVII. **Indomethacin based new triazolothiadiazine derivatives: Synthesis, evaluation of their anticancer effects on T98 human glioma cell line related to COX-2 inhibition and docking studies**
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- CXXVIII. **Synthesis and antimicrobial activity evaluation of new dithiocarbamate derivatives bearing thiazole/benzothiazole rings**
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- CXXIX. **Synthesis of some novel 2-substituted benzothiazole derivatives containing benzylamine moiety as**

monoamine oxidase inhibitory agents

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CXXXI. Synthesis and In Vitro Evaluation of New Thiosemicarbazone Derivatives as Potential Antimicrobial Agents

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CXXXIII. Synthesis and Biological Evaluation of Novel Piperazine Containing Hydrazone Derivatives

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CXXXIV. Synthesis and biological evaluation of new naphthalene substituted thiosemicarbazone derivatives as potent antifungal and anticancer agents

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- CL. Induction of apoptosis in lung adenocarcinoma and glioma cells by some oxadiazole derivatives**
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- CLVII. Synthesis and Antimicrobial Activity of New Pyrimidine-Hydrzones**
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- CLVIII. Synthesis and In vitro Evaluation of Thiadiazole Derivatives as AChE, BuChE and LOX Inhibitors**
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