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Eğitim Bilgileri

Doktora, Anadolu Üniversitesi, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), Türkiye 2005 - 2009

Yüksek Lisans, Anadolu Üniversitesi, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), Türkiye 2002 - 2004

Lisans, Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Türkiye 1999 - 2003

Yaptığı Tezler

Doktora, Bazı 2-Sübstitüye-N-[4-(1-Metil-4,5-Difenil-1H-İmidazol-2-İl)Fenil] Asetamid Türevlerinin Sentezleri ve Antikanser Aktivitelerinin Araştırılması Üzerine Çalışmalar, Anadolu Üniversitesi, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), 2009

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Araştırma Alanları

Farmasötik Kimya

Akademik Unvanlar / Görevler

Prof. Dr., Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2018 - Devam Ediyor

Doç. Dr., Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2012 - 2018

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

Öğretim Görevlisi Dr., Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2009 - 2012

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Akademik İdari Deneyim

Dekan, Anadolu Üniversitesi, Eczacılık Fakültesi, 2024 - Devam Ediyor

Rektör Yardımcısı, Anadolu Üniversitesi, Rektörlük, 2024 - Devam Ediyor
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Verdiği Dersler

Doktora

STEREO SPESİFİK SENTEZ YÖNTEMLERİ , Doktora, 2012 - 2013

Yüksek Lisans

TEZ, Yüksek Lisans, 2015 - 2016, 2013 - 2014

İLAÇ HAMMADDESİ SENTEZİNDEN ÜRÜNE KİMYASAL KALİTE KONTROL BASAMAKLARI , Yüksek Lisans, 2015 - 2016, 2014 - 2015, 2013 - 2014

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Lisans

ECZ876 (Tür) Q2 Mezuniyet Projesi II, Lisans, 2023 - 2024

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- Design, synthesis, and antiproliferative activity evaluation of novel cyclic secondary amine containing dithiocarbamate derivatives as potent EGFR inhibitors**
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- III. **Novel Benzimidazole-Oxadiazole Derivatives as Anticancer Agents with VEGFR2 Inhibitory Activity: Design, Synthesis, In Vitro Anticancer Evaluation, and In Silico Studies**
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- IV. **Synthesis of new piperazine-oxadiazole derivatives and investigation of their anticancer activities**
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- V. **Synthesis, characterization, antimicrobial, antioxidant, and anti-cancer activity of new hybrid structures based on benzimidazole and thiadiazole**
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- VI. **Multi-Target Quinoxaline Derivatives for Alzheimer's Disease: Inhibitory Activities Against AChE and BACE-1 Enzymes**
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- VII. **Metabolic engineering of *Saccharomyces cerevisiae* for enhanced taxadiene production**
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- VIII. **Novel Hydrazide-Hydrazones Bearing a Benzimidazole Ring: Design, Synthesis, and Evaluation of Inhibitor Properties Against CA I and CA II Isozymes**
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- IX. **Investigation of anticancer effects of novel piperidine-oxadiazole and piperidine-triazole derivatives as VEGFR inhibitors and evaluation of their molecular docking-dynamic studies**
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- X. **Synthesis, Characterization, and *In vitro* and *In Silico* Studies of New Triazole Derivatives as Aromatase Inhibitors**
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- XI. **Development and assessment of novel pyrazole-thiadiazol hybrid derivatives as VEGFR-2 inhibitors: design, synthesis, anticancer activity evaluation, molecular docking, and molecular dynamics simulation**
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- XII. **Design, Synthesis, Investigation, and Biological Activity Assessments of (4-Substituted-Phenyl)-*N*-(3-morpholinopropyl)-3-phenylthiazol-2(3*H*)-imine Derivatives as Antifungal Agents**
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- XIII. **Synthesis, molecular dynamics simulation, and evaluation of biological activity of novel flurbiprofen and ibuprofen-like compounds**
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- XV. **Selective *in vitro* Synergistic Evaluation of Probiotic Tolerant morpholinyl- and 4-ethylpiperazinyl-**

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- XVI. **<i>In Vitro</i> Enzyme Activity and Molecular Docking Studies of Pyrazoline Derivatives as Monoamine Oxidase Inhibitors**
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- XVII. **New benzimidazole-oxadiazole derivatives as potent VEGFR-2 inhibitors: Synthesis, anticancer evaluation, and docking study**
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- XVIII. **Synthesis, DFT Calculations, <i>In Silico</i> Studies, and Antimicrobial Evaluation of Benzimidazole-Thiadiazole Derivatives**
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- XIX. **Design, Synthesis, and Biological Effect Studies of Novel Benzofuran-Thiazolyldrazone Derivatives as Monoamine Oxidase Inhibitors**
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- XX. **Synthesis, characterization, biological evaluation and in silico studies of novel 1,3,4-thiadiazole derivatives as aromatase inhibitors**
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- XXI. **Design, synthesis and biological evaluation of novel ketone derivatives containing benzimidazole and 1,3,4-triazole as CA inhibitors**
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- XXII. **Design, synthesis, and molecular docking studies of benzimidazole-1,3,4-triazole hybrids as carbonic anhydrase I and II inhibitors**
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- XXIII. **Design, synthesis, evaluation of biological activities and molecular docking and dynamic studies of novel acetazolamide analog compounds**
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- XXIV. **Synthesis of Imidazole-Thiazole Derivatives as Acetylcholinesterase and Butyrylcholinesterase Inhibitory Activities**
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- XXV. **Design, synthesis, biological activities, and evaluation of molecular docking-dynamics studies of new thiosemicarbazones that may be effective against Alzheimer's disease**
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- XXVI. **Design, synthesis, molecular docking and molecular dynamic studies of novel benzimidazole-thiazole derivatives as potent and selective COX-2 inhibitors**
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- XXVII. **Development of Some Antiplatelet Salts as Drug Active Ingredients and Investigation Biological Activities**
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- XXVIII. **Design, synthesis, and biological activity studies of carbonic anhydrase inhibitors**
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- XXIX. **Synthesis and Biological Evaluation of Benzoxazolone-Thiosemicarbazide, 1,2,4-Triazole, 1,3,4-Thiadiazole Derivatives as Cholinesterase Inhibitors**
KOÇAK ASLAN E., SAĞLIK B. N., ÖZKAY Y., PALASKA E.
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- XXX. **Synthesis of Imidazole-2,3-dihydrothiazole Compounds as VEGFR-2 Inhibitors and Their Support with in Silico Studies**
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- XXXI. **Synthesis of novel thiazol-2(3H)-imine derivatives as ergosterol biosynthesis inhibitors, and elucidation of their structures using a 2D NMR technique**
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- XXXII. **Synthesis and Anticancer Activities of Pyrazole-Thiadiazole-Based EGFR Inhibitors**
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- XXXIII. **Design, synthesis, and molecular docking studies of novel quinoxaline derivatives as anticancer agents**
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- XXXIV. **Synthesis of new compounds bearing methyl sulfonyl pharmacophore as selective COX-2 inhibitor**
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- XXXV. **Synthesis, Antifungal Activities, Molecular Docking and Molecular Dynamic Studies of Novel Quinoxaline-Triazole Compounds**
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- XXXVI. **New benzimidazole-oxadiazole derivatives: Synthesis, alpha-glucosidase, alpha-amylase activity, and molecular modeling studies as potential antidiabetic agents**
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- XXXVII. **New imidazole derivatives as aromatase inhibitor: Design, synthesis, biological activity, molecular docking, and computational ADME-Tox studies**
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- XXXVIII. **Design, Synthesis, and Biological Evaluation Studies of Novel Naphthalene-Chalcone Hybrids As Antimicrobial, Anticandidal, Anticancer, and VEGFR-2 Inhibitors**
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- XXXIX. **Synthesis of Benzimidazole-1,2,4-triazole Derivatives as Potential Antifungal Agents Targeting 14 alpha-Demethylase**
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- XL. **Novel thiadiazol derivatives; design, synthesis, biological activity, molecular docking and molecular dynamics**
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- XLII. **Investigation of Novel Quinoline-Thiazole Derivatives as Antimicrobial Agents: In Vitro and In Silico Approaches**
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- XLIII. **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**
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- XLIII. **Design, synthesis and molecular docking and ADME studies of novel hydrazone derivatives for AChE inhibitory, BBB permeability and antioxidant effects**
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- XLIV. **Synthesis, biological evaluation and in silico studies of novel thiadiazole-hydrazone derivatives for carbonic anhydrase inhibitory and anticancer activities**
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- XLV. **Synthesis and Molecular Docking of New N-Acyl Hydrazones-Benzimidazole as hCA I and II Inhibitors**
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- XLVI. **Synthesis, and docking studies of novel tetrazole-S-alkyl derivatives as antimicrobial agents**
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- XLVII. **Synthesis, Molecular Docking, Dynamics, Quantum-Chemical Computation, and Antimicrobial Activity Studies of Some New Benzimidazole-Thiadiazole Hybrids**
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- XLVIII. **Design, Synthesis, and In Vitro and In Silico Approaches of Novel Indanone Derivatives as Multifunctional Anti-Alzheimer Agents**
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- XLIX. **Benzimidazole-hydrazone derivatives: Synthesis, in vitro anticancer, antimicrobial, antioxidant activities, in silico DFT and ADMET studies**
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- L. **Synthesis of novel thiosemicarbazone derivatives and investigation of their dual AChE and MAO-B inhibitor effects**
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- LI. **Synthesis, characterization, molecular docking, dynamics simulations, and in silico absorption, distribution, metabolism, and excretion (ADME) studies of new thiazolyhydrazone derivatives as butyrylcholinesterase inhibitors**
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- LII. **Synthesis of new derivatives containing pyridine, investigation of MAO inhibitory activities and molecular docking studies**

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- LIII. **Design, synthesis, biological activity evaluation and in silico studies of new nicotinohydrazide derivatives as multi-targeted inhibitors for Alzheimer's disease**
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- LIV. **Design, synthesis and molecular docking studies of novel benzimidazole-1,3,4-oxadiazole hybrids for their carbonic anhydrase inhibitory and antioxidant effects**
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- LVI. **Synthesis of novel benzothiazole derivatives and investigation of their enzyme inhibitory effects against Alzheimer's disease**
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- LXIII. **Design, Synthesis, and Evaluation of Novel 2H-Benzo[b][1,4]thiazin-3(4H)-one Derivatives as New Acetylcholinesterase Inhibitors**
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- LXIV. **Novel thiazolyl-hydrazone derivatives including piperazine ring: synthesis, in vitro evaluation, and molecular docking as selective MAO-A inhibitor**
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- LXX. **Design, synthesis, in vitro and in silico studies of some novel triazoles as anticancer agents for breast cancer**
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- LXXVII. **Design, synthesis, biological evaluation, and docking studies of some novel chalcones as selective COX-2 inhibitors**

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- LXXV. **Design, synthesis and evaluation of anticancer activity of new benzimidazole-hydrazone derivatives**
ACAR U., ATLI Ö., ARDIÇ C. M., ÖZKAY Y.
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- LXXVI. **Synthesis of new chalcones as anticancer agents**
KAYA B., ATLI Ö., GÖRMÜŞ G., ÖZKAY Y., KAPLANCIKLİ Z. A.
3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Türkiye, 26 - 29 Nisan 2017
- LXXVII. **Synthesis, Characterization and Molecular Docking Study of Some Novel Fluroquinolone Derivatives as Potential DNA Gyrase Inhibitors**
ACAR U., LEVENT S., KARACA GENÇER H., ÖZKAY Y., ILGIN S.
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- LXXVIII. **Synthesis and MAO Enzymes Inhibitory Activity of New Benzylamine Derivatives**
OSMANİYE D., SAĞLIK B. N., ACAR ÇEVİK U., ATLI Ö., KORKUT B., ÖZKAY Y., KAPLANCIKLİ Z. A.
3. İVEK Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 Nisan 2017
- LXXIX. **Synthesis and biological evaluation of new thiosemicarbazone derivatives as MAO inhibitory agents**
KAYA B., OSMANİYE D., ATLI Ö., KARADUMAN A. B., ÖZKAY Y., KAPLANCIKLİ Z. A.
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- LXXX. **Synthesisi charecterization and molecular docking study of some novel fluroquinolone derivatives as potential DNA gyrase inhibitors**
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IVEK, 26 - 29 Nisan 2017
- LXXXI. **Design, synthesis and anticancer activity of 2-((5-substitutedbenzo[d]thiazol-2-yl)thio)-N'xx-(4-substitutedbenzylidene) acetohydrazide**
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- LXXXII. **Synthesis of Some Novel Benzothiazole Derivatives As Anticancer Agents**
OSMANİYE D., ILGIN S., BÜŞRA K., ÖZKAY Y., KAPLANCIKLİ Z. A.
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- LXXXIII. **Design, Synthesis and Anticancer Activity of 2-((5-substitutedbenzo[d]thiazol-2-yl)thio)-N'-(4-substitutedbenzylidene)acetohydrazide**
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LXXXIV. Synthesis and Anticandidal Activity of New Benzimidazole- 1,2,4-Triazole Derivatives

SAĞLIK B. N., ACAR ÇEVİK U., KARACA GENÇER H., ILGIN S., KORKUT B., ÖZKAY Y.

IVEK, 26 - 29 Nisan 2017

LXXXV. Carbon Based NBIP modified electrodes: Preparation, Characterization and Detection of Stability

Özsümen A., DEMİR MÜLAZIMOĞLU A., MERCİMEK B., YILMAZ E., ÖZCAN S., CAN N. Ö., ÖZKAY Y., MÜLAZIMOĞLU İ. E.

ASTECH 2017-International Congress on Applied Science and Technology, 17 - 20 Nisan 2017

LXXXVI. A Novel HNPC modified Carbon Based Electrode: Preparation, Characterization and Detection of Stability in Different Media

Sağır S., MÜLAZIMOĞLU İ. E., YILMAZ E., ÖZCAN S., CAN N. Ö., ÖZKAY Y., MERCİMEK B., DEMİR MÜLAZIMOĞLU A.

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LXXXVII. Carbon Based NOTEP modified electrodes: Preparation, Characterization and Detection of Stability

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LXXXIX. Yeni 2-(4-sübstitüefenil)propiyonik asit türevlerinin COX enzimleri üzerindeki etkilerinin araştırılması

LEVENT S., SAĞLIK B. N., ÖZKAY Y.

1. Ulusal Marmara Eczacılık Kongresi (UMEK-1), İstanbul, Türkiye, 3 - 05 Kasım 2016

XC. N-Aril-2-(4-sübstitüe piperidin-1-il)asetamit türevlerinin kolinesteraz enzimleri üzerine etkilerinin incelenmesi

SAĞLIK B. N., ILGIN S., ÖZKAY Y.

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XCI. Yeni N-Aril-N-propargil-benzilamin türevlerinin sentezleri ve monoamine oksidaz enzimleri üzerinde etkilerinin araştırılması

OSMANİYE D., LEVENT S., ÖZKAY Y.

1. Ulusal Marmara Eczacılık Kongresi (UMEK-1), Türkiye, 3 - 05 Kasım 2016

XCII. SYNTHESIS AND EVALUATION OF A SERIES OF BENZOXAZOLE DERIVATIVES AS NEW ANTICANCER AGENTS

ALTINTOP M. D., AKALIN ÇİFTÇİ G., ÖZKAY Y.

XXIV National Meeting in Medicinal Chemistry, 11 - 14 Eylül 2016

XCIII. Synthesis of new donepezil analogues and evaluation of their cholinesterase inhibitory activity

SAĞLIK B. N., ILGIN S., ÖZKAY Y.

International Conference on Pharmaceutical Chemistry, Frankfurt, Almanya, 5 - 07 Eylül 2016

XCIV. Analysis of parabens protein based food supplements

ACAR U., LEVENT S., ÖZKAY Y.

International Conference on Pharmaceutical Chemistry, 5 - 07 Eylül 2016

XCV. Synthesis of New Indan 1 one piperazine Derivatives as Anticholinesterase Agents

ÖZKAY Y.

International Conference on Pharmaceutical Chemistry, 05 Eylül 2022 - 07 Eylül 2016

XCVI. Cytotoxic Apoptotic and DNA Synthesis Inhibitory Effects of New Quinoxaline Derivatives

ALTINTOP M. D., AKALIN ÇİFTÇİ G., ÖZKAY Y.

12th International Congress of Cell Biology, Prag, Çek Cumhuriyeti, 21 - 25 Temmuz 2016

XCVII. PARABEN ANALYSIS ON SPORT AND ENERGY DRINK BY LC MS IT TOF

ACAR U., LEVENT S., ÖZKAY Y., ÖZTÜRK Y.

ECSS, 6 - 09 Temmuz 2016

XCVIII. Paraben Analysis on Sport and Energy Drinks by LC MS IT TOF

ACAR U., LEVENT S., ÖZKAY Y., ÖZTÜRK Y.

21st annual congress of the European College of Sport Science ECSS, 6 Temmuz - 09 Haziran 2016

XCIX. ACETHYLCHOLINESTERASE INHIBITORY POTENCY OF NOVEL TETRASUBSTITUTED IMIDAZOLE DERIVATIVES

Osmaniye D., SAĞLIK B. N., LEVENT S., ÖZKAY Y.

1st International Gazi Pharma Symposium Series (GPSS-2015), 12 - 15 Kasım 2015

C. Acetylcholinesterase inhibitory potency of novel tetrasubstituted imidazole derivatives

OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y.

International Gazi Pharma Symposium Series (GPSS 2015), Antalya, Türkiye, 12 - 15 Kasım 2015

CI. Synthesis And Antimicrobial Activity Evaluation Of Some 2 4 1h Imidazol 1 Yl Phenyl Amino 2 Oxoethyl Substituted Piperidine Piperazine 1 Carbodithioate

DERYA O., ACAR U., SAĞLIK B. N., ÖZKAY Y., JUAN B., DEMİRCİ F.

DRD, Türkiye, 15 - 17 Kasım 2015

CII. Synthesis And Cholinesterase Inhibitory Potential Of New Substituted Piperazine Derivatives

SAĞLIK B. N., LEVENT S., ACAR U., ÖZKAY Y.

GPSS, 12 - 15 Kasım 2015

CIII. Synthesis And Antimicrobial Activity Of Novel Disubstituted Oxadiazole Derivatives

ACAR U., ÖZKAY Y., JUAN B., DEMİRCİ F.

GPSS, 12 - 15 Kasım 2015

CIV. Synthesis and cholinesterase inhibitory potential of new substituted piperazine derivatives

SAĞLIK B. N., LEVENT S., ACAR U., ÖZKAY Y.

International Gazi Pharma Symposium Series (GPSS 2015), 12 - 15 Kasım 2015

CV. Design and Synthesis of Novel Acetylcholinesterase Enzyme Inhibitors Based on Structural Similarity to Donepezil and Carboxylic Acid Induced Enzyme Immobilization

WEAM H., KAPLANCIKLI Z. A., ÖZKAY Y.

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CVI. Synthesis of new imidazole derivatives as anticholinesterase agents

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CVII. Effects of some novel piperidine derivatives on nociception parameters

Mete B., TURAN YÜCEL N., DEMİR ÖZKAY Ü., ÖZKAY Y.

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CVIII. A fast, applied, practicable way for synthesis of amide derivatives using silica gel

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CIX. Synthesis and antimicrobial activity evaluation of some 2-((4-(1H-imidazol-1-yl)phenyl)amino)-2-oxoethyl substituted piperidine/piperazine-1-carbodithioate

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CX. Synthesis Of New 2 5 Disubstituted Benzimidazole Compounds And Evaluation Of Their Inhibition Potency Against Cholinesterase Enzymes

SAĞLIK B. N., ACAR U., LEVENT S., ÖZKAY Y.

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CXI. Synthesis Of New Benzimidazole Derivatives Including Nifuroxazide Analoges And Investigation Of Their Antimicrobial Effects

ACAR U., ÖZKAY Y., JUAN B., CANTÜRK Z., DEMİRCİ F.

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- CXIII. SYNTHESIS of NEW BENZIMIDAZOLE DERIVATIVES INCLUDING NIFUROXAZIDE ANALOGES and INVESTIGATION of THEIR ANTIMICROBIAL EFFECTS**
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- CXVII. SYNTHESIS AND COX INHIBITION EFFECT OF SOME NEW ARYLPROPIONIC ACID DERIVATIVES**
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- CXIX. DESIGN AND SYNTHESIS OF NOVEL ACETYLCHOLINESTERASE ENZYME INHIBITORS BASED ON STRUCTURAL SIMILARITY TO DONEPEZIL AND CARBOXYLIC ACID INDUCED ENZYME IMMOBILIZATION**
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- CXXI. Synthesis and Mao Enzymes Inhibitory Activity of Some New Benzimidazole Derivatives Containing Propargyl Side Chain**
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- CXXIII. Synthesis And Cox Inhibition Effect Of Some New Arylpropionic Acid Derivatives**
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- CXXIV. Synthesis of Novel 4 Substituted Piperazine 1 Carbodithioic Esters and Investigation of Their Inhibitory Activity Against Cholinesterase Enzymes**
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- CXXV. SYNTHESIS AND ANTIMICROBIAL EFFECTS OF SOME NEW 1,3,4 THIADIAZOLE DERIVATIVES**
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- CXXXIII. **Design Synthesis And Biological Evolution of Some 2 5 Substituted Benzothiazol 2 ylsulfanyl N Substitutedbenzyl N 4 Substitutedphenyl Acetamide Derivatives As Monoamine Oxidase Inhibitors**
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