

Prof. ARZU KARAKURT

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Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya , Turkey 1997 - 2004

Postgraduate, Inonu University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya, Turkey 1994 - 1997

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 1988 - 1992

Dissertations

Doctorate, 2-ASETİLNAFTALEN TÜREVİ YENİ BİLEŞİKLERİN SENTEZLERİ, ENANSİYOMER AYIRIMLARI, ANTİKONVÜLSAN VE ANTİMİKROBİYAL AKTİVİTELERİ ÜZERİNDE ÇALIŞMALAR , Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya, 2004

Postgraduate, Antiepileptik, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya, 1997

Academic Titles / Tasks

Professor, Inonu University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - Continues

Academic and Administrative Experience

Inonu University, Eczacılık Fakültesi, 2005 - Continues

Courses

418 FARMASÖTİK KİMYA IV, Undergraduate, 2013-2014

303 Farmasötik Kimya I, Undergraduate, 2013-2014

206 Organik Kimya II, Undergraduate, 2013-2014

353 Farmasötik Kimya I Lab, Undergraduate, 2013-2014

Yeni İlaçlar ve sentez yöntemleri, Undergraduate, 2013-2014

225 Laboratuvar Güvenliği, Undergraduate, 2013-2014

304 Farmasötik Kimya II, Undergraduate, 2013-2014

ARAŞTIRMA PROJESİ DERSİ II, Undergraduate, 2013-2014

453 Farmasötik Kimya III Lab, Undergraduate, 2013-2014

Farmasötik Kimya için literatür tarama teknikleri, Undergraduate Minor, 2013-2014
454 FARMASÖTİK KİMYA IV LAB, Undergraduate, 2013-2014
Laboratuvarda güvenli çalışma, Undergraduate Minor, 2013-2014
Araştırma Projesi dersi, Undergraduate, 2013-2014
354 Farmasötik Kimya II Lab, Undergraduate, 2013-2014
ARAŞTIRMA PROJESİ DERSİ II, Undergraduate, 2012-2013
418 FARMASÖTİK KİMYA IV, Undergraduate, 2012-2013
YENİ İLAÇLAR VE SENTEZ YÖNTEMLERİ, Undergraduate, 2012-2013
453 FARMASÖTİK KİMYA III LAB, Undergraduate, 2012-2013
FARMASÖTİK KİMYA İÇİN LİTERATÜR TARAMA TEKNİKLERİ, Undergraduate Minor, 2012-2013
206 ORGANİK KİMYA II, Undergraduate, 2012-2013
303 FARMASÖTİK KİMYA I, Undergraduate, 2012-2013
304 FARMASÖTİK KİMYA II, Undergraduate, 2012-2013
ARAŞTIRMA PROJESİ DERSİ I, Undergraduate, 2012-2013
454 FARMASÖTİK KİMYA IV LAB, Undergraduate, 2012-2013
423 FARMASÖTİK KİMYA III, Undergraduate, 2012-2013
353 FARMASÖTİK KİMYA I LAB, Undergraduate, 2012-2013
205 ORGANİK KİMYA I, Undergraduate, 2012-2013
354 FARMASÖTİK KİMYA II LAB, Undergraduate, 2012-2013
3827005132011 HETEROİKLİK KİMYA, Undergraduate Minor, 2011-2012
303 FARMASÖTİK KİMYA I, Undergraduate, 2011-2012
222 ORGANİK KİMYA, Undergraduate, 2011-2012
353 FARMASÖTİK KİMYA I LAB, Undergraduate, 2011-2012
EFK 611 YENİ İLAÇLAR VE SENTEZ YÖNTEMLERİ, Undergraduate Minor, 2011-2012
3827005052011 İLERİ ORGANİK KİMYA, Undergraduate Minor, 2011-2012
454 FARMASÖTİK KİMYA IV LAB, Undergraduate, 2011-2012
3827005102011 ORGANİK KİMYADA İSİM REAKSİYONLARI, Undergraduate Minor, 2011-2012
418 FARMASÖTİK KİMYA IV, Undergraduate, 2011-2012
453 FARMASÖTİK KİMYA III LAB, Undergraduate, 2011-2012
418 FARMASÖTİK KİMYA IV, Undergraduate, 2011-2012
454 FARMASÖTİK KİMYA IV LAB, Undergraduate, 2011-2012
304 FARMASÖTİK KİMYA II, Undergraduate, 2011-2012
353 FARMASÖTİK KİMYA I LAB, Undergraduate, 2011-2012
501 BİTİRME ÇALIŞMASI, Undergraduate, 2011-2012
ORGANİK KİMYA REAKSİYON MEKANİZMALARI, Undergraduate Minor, 2011-2012
ORGANİK KİMYADA İSİM REAKSİYONLARI, Undergraduate Minor, 2011-2012
İZOMERİ VE AKTİVİTEDE ÖNEMİ, Undergraduate, 2010-2011
423 FARMASÖTİK KİMYA III, Undergraduate, 2010-2011
418 FARMASÖTİK KİMYA IV, Undergraduate, 2010-2011
453 FARMASÖTİK KİMYA III LAB, Undergraduate, 2010-2011
454 FARMASÖTİK KİMYA IV LAB, Undergraduate, 2010-2011
303 FARMASÖTİK KİMYA I, Undergraduate, 2010-2011
304 FARMASÖTİK KİMYA II, Undergraduate, 2010-2011
353 FARMASÖTİK KİMYA I LAB, Undergraduate, 2010-2011
563 İLAÇLARDA YAPI TAYİNİ, Undergraduate, 2010-2011
222 ORGANİK KİMYA, Undergraduate, 2010-2011
501 BİTİRME ÇALIŞMASI, Undergraduate, 2010-2011
354 FARMASÖTİK KİMYA II LAB, Undergraduate, 2010-2011
303 FARMASÖTİK KİMYA I, Undergraduate, 2009-2010
EFK 509 Kromatografik analizler, Undergraduate Double Major, 2009-2010
354 FARMASÖTİK KİMYA II LAB, Undergraduate, 2009-2010

EFK 501 Organik Kimya I, Undergraduate Double Major, 2009-2010
454 FARMASÖTİK KİMYA IV LAB, Undergraduate, 2009-2010
418 FARMASÖTİK KİMYA IV, Undergraduate, 2009-2010
535 Spektroskopik yöntemler, Undergraduate, 2009-2010
501 BİTİRME ÇALIŞMASI, Undergraduate, 2009-2010
353 FARMASÖTİK KİMYA I LAB, Undergraduate, 2009-2010
304 FARMASÖTİK KİMYA II, Undergraduate, 2009-2010
206 ORGANİK KİMYA II, Undergraduate, 2009-2010
453 FARMASÖTİK KİMYA III LAB, Undergraduate, 2009-2010
205 ORGANİK KİMYA I, Undergraduate, 2009-2010
EFK 501 Organik Kimya I, Undergraduate Double Major, 2008-2009
353 FARMASÖTİK KİMYA I LAB, Undergraduate, 2008-2009
EFK 521Yeni ilaçlar ve sentez yöntemleri , Undergraduate Double Major, 2008-2009
205 ORGANİK KİMYA I, Undergraduate, 2008-2009
303 FARMASÖTİK KİMYA I, Undergraduate, 2008-2009
205 ORGANİK KİMYA I, Undergraduate, 2008-2009
EFK 503 Laboratuvarda güvenli çalışma, Undergraduate Double Major, 2008-2009
453 FARMASÖTİK KİMYA III LAB, Undergraduate, 2008-2009
453 FARMASÖTİK KİMYA III LAB, Undergraduate, 2007-2008
454 FARMASÖTİK KİMYA IV LAB, Undergraduate, 2007-2008
205 ORGANİK KİMYA I, Undergraduate, 2007-2008
ARAŞTIRMA PROJESİ II, Undergraduate, 2007-2008
ARAŞTIRMA PROJESİ I, Undergraduate, 2007-2008
354 FARMASÖTİK KİMYA II LAB, Undergraduate, 2007-2008
206 ORGANİK KİMYA II, Undergraduate, 2007-2008
353 FARMASÖTİK KİMYA I LAB, Undergraduate, 2007-2008
453 FARMASÖTİK KİMYA III LAB, Undergraduate, 2006-2007
ARAŞTIRMA PROJESİ II, Undergraduate, 2006-2007
ARAŞTIRMA PROJESİ I, Undergraduate, 2006-2007
353 FARMASÖTİK KİMYA I LAB, Undergraduate, 2006-2007
354 FARMASÖTİK KİMYA II LAB, Undergraduate, 2006-2007
454 FARMASÖTİK KİMYA IV LAB, Undergraduate, 2006-2007
453 FARMASÖTİK KİMYA III LAB, Undergraduate, 2005-2006
353 FARMASÖTİK KİMYA I LAB, Undergraduate, 2005-2006
ARAŞTIRMA PROJESİ I, Undergraduate, 2005-2006
ARAŞTIRMA PROJESİ II, Undergraduate, 2005-2006
354 FARMASÖTİK KİMYA II LAB, Undergraduate, 2005-2006
454 FARMASÖTİK KİMYA IV LAB, Undergraduate, 2005-2006

Supervised Theses

KARAKURT A., Yeni (Arilalkil)triazol Türevi Oksim Esterlerin Sentezleri, Antikonvulsan ve Antimikrobiyal Aktiviteleri, Postgraduate, S.SARI(Student), 2012
KARAKURT A., (Arilalkil)imidazol Türevi Yeni Bileşiklerin Sentezleri ve Antikonvulsan Aktiviteleri Üzerinde Çalışmalar, Postgraduate, M.Abdullah(Student), 2011
KARAKURT A., Yeni (Arilalkil)pirazol Türevi Oksim Eterlerin Sentezleri, Antikonvulsan ve Antimikrobiyal Aktiviteleri, Postgraduate, Z.ÖZDEMİR(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Histological assessment of liver and stomach damage caused by pyridazinone derivative antidepressant agents**
ÖZDEMİR Z., KARAKURT A., TAŞLIDERE E., VARDI N., ALAGÖZ M. A., PARLAKPINAR H., USLU H., GÖZÜKARA BAĞ H. G.
BIOTECHNIC & HISTOCHEMISTRY, vol.97, no.5, pp.355-362, 2022 (SCI-Expanded)
- II. **Antifungal Azole Derivatives Featuring Naphthalene Prove Potent and Competitive Cholinesterase Inhibitors with Potential CNS Penetration According to the in Vitro and in Silico Studies**
SARI S., AKKAYA D., ZENGİN M., SABUNCUOĞLU S., ÖZDEMİR Z., ALAGÖZ M. A., KARAKURT A., BARUT B.
CHEMISTRY & BIODIVERSITY, vol.19, no.7, 2022 (SCI-Expanded)
- III. **Conventional and microwave prompted synthesis of aryl(alkyl)azole oximes, 1H-NMR spectroscopic determination of E/Z isomer ratio and HOMO-LUMO analysis**
Bozbey I., Uslu H., Türkmenoğlu B., Özdemir Z., Karakurt A., Levent S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1251, pp.1-12, 2022 (SCI-Expanded)
- IV. **Azoles containing naphthalene with activity against Gram-positive bacteria: in vitro studies and in silico predictions for flavohemoglobin inhibition**
SARI S., SABUNCUOĞLU S., KOÇAK ASLAN E., AVCI A., KART D., ÖZDEMİR Z., Acar M. F., Sayoglu B., ALAGÖZ M. A., KARAKURT A., et al.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, no.20, pp.10220-10229, 2022 (SCI-Expanded)
- V. **Synthesis of New 1-Aryl-2-(3,5-dimethylpyrazol-1-yl)ethanone Oxime Ether Derivatives and Investigation of Their Cytotoxic Effects**
ALAGÖZ M. A., KARAKURT A., Hepokur C., ŞALVA E., Onkol T., Ghoneim M. M., Abdelgawad M. A., Khames A., Kim H., Mathew B.
PROCESSES, vol.9, no.11, 2021 (SCI-Expanded)
- VI. **Azole derivatives with naphthalene showing potent antifungal effects against planktonic and biofilm forms of *Candida* spp.: an in vitro and in silico study**
SARI S., Kocak E., KART D., ÖZDEMİR Z., Acar M. F., Sayoglu B., KARAKURT A., DALKARA S.
INTERNATIONAL MICROBIOLOGY, vol.24, no.1, pp.93-102, 2021 (SCI-Expanded)
- VII. **Antibacterial azole derivatives: Antibacterial activity, cytotoxicity, and in silico mechanistic studies**
SARI S., AVCI A., Kocak E., KART D., SABUNCUOĞLU S., DOĞAN İ. S., ÖZDEMİR Z., BOZBEY İ., KARAKURT A., Sarac S., et al.
DRUG DEVELOPMENT RESEARCH, vol.81, no.8, pp.1026-1036, 2020 (SCI-Expanded)
- VIII. **p-Trifluoroacetophenone Oxime Ester Derivatives: Synthesis, Antimicrobial and Cytotoxic Evaluation and Molecular Modeling Studies**
Bozbey I., SARI S., ŞALVA E., KART D., KARAKURT A.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.17, no.2, pp.169-183, 2020 (SCI-Expanded)
- IX. **Discovery of new azoles with potent activity against *Candida* spp. and *Candida albicans* biofilms through virtual screening**
SARI S., KART D., Ozturk N., KAYNAK F. B., Gencel M., TAŞKOR ÖNEL G., KARAKURT A., Sarac S., Essiz S., DALKARA S.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.179, pp.634-648, 2019 (SCI-Expanded)
- X. **Antifungal screening and in silico mechanistic studies of an in-house azole library**
SARI S., KART D., SABUNCUOĞLU S., DOĞAN İ. S., ÖZDEMİR Z., BOZBEY İ., Gencel M., EŞSİZ GÖKHAN Ş., Reynisson J., KARAKURT A., et al.
CHEMICAL BIOLOGY & DRUG DESIGN, vol.94, no.5, pp.1944-1955, 2019 (SCI-Expanded)
- XI. **Synthesis and cytotoxicity studies on new pyrazole-containing oxime ester derivatives**
KARAKURT A., Bozbey I., USLU H., SARI S., ÖZDEMİR Z., ŞALVA E.
TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, vol.18, no.6, pp.1315-1322, 2019 (SCI-Expanded)
- XII. **Synthesis, anticonvulsant screening, and molecular modeling studies of new arylalkylimidazole oxime ether derivatives**
ÖZDEMİR Z., SARI S., KARAKURT A., DALKARA S.

DRUG DEVELOPMENT RESEARCH, vol.80, no.2, pp.269-280, 2019 (SCI-Expanded)

- XIII. **Synthesis, anticonvulsant activity, and molecular modeling studies of novel 1-phenyl/1-(4-chlorophenyl)-2-(1H-triazol-1-yl)ethanol ester derivatives**
DOĞAN İ. S., ÖZDEMİR Z., SARI S., BOZBEY İ., KARAKURT A., Sarac S.
MEDICINAL CHEMISTRY RESEARCH, vol.27, no.9, pp.2171-2186, 2018 (SCI-Expanded)
- XIV. **Design, synthesis, and molecular modeling of new 3(2H)-pyridazinone derivatives as acetylcholinesterase/butyrylcholinesterase inhibitors**
ÖZDEMİR Z., Yılmaz H., SARI S., KARAKURT A., ŞENOL F. S., UYSAL M.
MEDICINAL CHEMISTRY RESEARCH, vol.26, no.10, pp.2293-2308, 2017 (SCI-Expanded)
- XV. **New Anti-Seizure (Arylalkyl)azole Derivatives: Synthesis, In Vivo and In Silico Studies**
SARI S., DALKARA S., KAYNAK F. B., Reynisson J., Sarac S., KARAKURT A.
ARCHIV DER PHARMAZIE, vol.350, no.6, 2017 (SCI-Expanded)
- XVI. **New (arylalkyl)azole derivatives showing anticonvulsant effects could have VGSC and/or GABA(A)R affinity according to molecular modeling studies**
SARI S., KARAKURT A., USLU H., KAYNAK F. B., Calis U., DALKARA S.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.124, pp.407-416, 2016 (SCI-Expanded)
- XVII. **Coumarin or benzoxazinone based novel carbonic anhydrase inhibitors: synthesis, molecular docking and anticonvulsant studies**
KARATAŞ M. O., USLU H., SARI S., ALAGOZ M. A., KARAKURT A., ALICI B., Bilen C., Yavuz E., Gencer N., Arslan O.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.5, pp.760-772, 2016 (SCI-Expanded)
- XVIII. **Synthesis, Anticonvulsant and Antimicrobial Activities of Some New [1-(2-Naphthyl)-2-(pyrazol-1-yl)ethanone]oxime Ethers**
ÖZDEMİR Z., KARAKURT A., Calis U., GÜNAL S., Isik S., Sahin Z. S., DALKARA S.
MEDICINAL CHEMISTRY, vol.11, no.1, pp.41-49, 2015 (SCI-Expanded)
- XIX. **Evaluation of the Effects of Novel Nafimidone Derivatives on Thermal Hypoalgesia in Mice with Diabetic Neuropathy**
KAMIŞLI S., KARAKURT A., UYUMLU A. B., SATILMIŞ B., Alagoz A., GENÇ M. F., BATÇIOĞLU K.
BALKAN MEDICAL JOURNAL, vol.30, no.1, pp.94-98, 2013 (SCI-Expanded)
- XX. **Synthesis of some novel 1-(2-naphthyl)-2-(imidazol-1-yl)ethanone oxime ester derivatives and evaluation of their anticonvulsant activity**
KARAKURT A., ALAGOZ M. A., Sayoglu B., Calis U., DALKARA S.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.57, pp.275-282, 2012 (SCI-Expanded)
- XXI. **Enantioseparation of Some New 1-(2-Naphthyl)-1-ethanol Ester Derivatives by HPLC on Chiralcel OD**
Karakurt A., SARAÇ Ş., DALKARA S.
CHROMATOGRAPHIA, vol.75, pp.1191-1197, 2012 (SCI-Expanded)
- XXII. **Recent Progress in Anticonvulsant Drug Research: Strategies for Anticonvulsant Drug Development and Applications of Antiepileptic Drugs for Non-Epileptic Central Nervous System Disorders**
DALKARA S., KARAKURT A.
CURRENT TOPICS IN MEDICINAL CHEMISTRY, vol.12, no.9, pp.1033-1071, 2012 (SCI-Expanded)
- XXIII. **Comparison of stereochemical structures of cholesterol from different sources by HPLC Farklı kaynaklardan elde edilen kolesterolün stereokimyasal yapılarının HPLC ile karşılaştırılması**
SATILMIŞ B., GÜLDÜR T., KARAKURT A., BÜYÜKTUNCEL E., Ertan M.
Marmara Pharmaceutical Journal, vol.16, no.3, pp.201-205, 2012 (SCI-Expanded)
- XXIV. **An X-ray and DFT Computational Study on 1-(Naphthalene-2-yl)-2-(1H-pyrazol-1-yl) ethanone O-butyl Oxime**
Sahin Z. S., ÖZDEMİR Z., KARAKURT A., Isik S.
CHINESE JOURNAL OF STRUCTURAL CHEMISTRY, vol.31, no.2, pp.262-270, 2012 (SCI-Expanded)
- XXV. **Synthesis, anticonvulsant and antimicrobial activities of some new 2-acetylnaphthalene derivatives**
Karakurt A., Ozalp M., Isik S., Stables J. P., DALKARA S.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.18, no.8, pp.2902-2911, 2010 (SCI-Expanded)
- XXVI. **CARDIOPROTECTIVE AND ANTIOXI DAN ACTIVITY OF BLUEBERRY ANTHOCYANINE AND**

POLYPHENOLS IN RATS

KARAKURT C., GURSOY S., ALAGOZ M. A., KARAKURT A., AKTAYS G., KOCAK G.

EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.38, no.1, pp.167-168, 2009 (SCI-Expanded)

XXVII. **SYNTHESIS OF SOME 1-(2-NAPHTHYL)-2-(PYRAZOL-1-YL)ETHANONE OXIME ETHER DERIVATIVES AND THEIR ANTICONVULSANT ACTIVITIES**

BULUT Z., KARAKURT A., CALIS U., DALKARA S.

EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.38, no.1, pp.206-207, 2009 (SCI-Expanded)

XXVIII. **Synthesis of some oxime ether derivatives of 1-(2-naphthyl)-2(1,2,4-triazol-1-yl)ethanone and their anticonvulsant and antimicrobial activities**

KARAKURT A., AYTEMİR M. D., STABLES J. P., OZALP M., KAYNAK F. B., OZBEY S., DALKARA S.

ARCHIV DER PHARMAZIE, vol.339, no.9, pp.513-520, 2006 (SCI-Expanded)

XXIX. **2-bromo-1-(1-hydroxynaphthalen-2-yl)ethanone**

KOYSAL Y., ISIK S., KARAKURT A., DALKARA S.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)

XXX. **2-(Imidazol-1-yl)-1-(2-naphthyl)ethanone O-propyloxime hydrochloride**

OZBEY S., KENDI E., KARAKURT A., DALKARA S.

ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.58, 2002 (SCI-Expanded)

XXXI. **Synthesis of some 1-(2-naphthyl)-2-(imidazole-1-yl)ethanone oxime and oxime ether derivatives and their anticonvulsant and antimicrobial activities**

KARAKURT A., DALKARA S., OZALP M., OZBEY S., KENDI E., STABLES J.

EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.36, no.5, pp.421-433, 2001 (SCI-Expanded)

XXXII. **2-(imidazol-1-yl)-1-(2-naphthyl)ethanone oxime**

KENDI E., OZBEY S., KARAKURT A., DALKARA S.

ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.54, pp.1513-1515, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **Enantioseparation of 2-(1H-imidazol-1-yl)-1-(naphthalen-2-yl)ethan-1-ol which is active metabolite of anticonvulsant nafimidone**
Karaca Karadoğan E., ÖZDEMİR Z., ZENİ Y. N., KARAKURT A.
Anatolian Journal of Pharmaceutical Sciences, vol.2, no.1, pp.85-95, 2023 (Peer-Reviewed Journal)
- II. **Cytotoxic effect of azole compounds bearing trifluorophenyl ring on MCF-7, MDA-MB-231, and HCT-116 cancer cell line**
ALAGÖZ M. A., ÖZDEMİR Z., HEPOKUR C., KARAKURT A.
Medicine Science, vol.11, no.3, pp.1212-1216, 2022 (Peer-Reviewed Journal)
- III. **İlaç Metabolizması ve Farmasötik Kimyada Önemi Drug Metabolism and Its Importance in Pharmaceutical Chemistry**
ÖZDEMİR Z., KARAKURT A.
İnönü Üniversitesi Sağlık Bilimleri Dergisi, vol.5, no.2, pp.35-46, 2016 (Peer-Reviewed Journal)
- IV. **Synthesis and Analgesic, Antiinflammatory and Antimicrobial Evaluation of 6-Substituted-3(2H)Pyridazinone-2-acetyl-2- (Substituted Benzal) Hydrazone Derivatives**
ÖZDEMİR Z., GÖKÇE M., KARAKURT A.
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.37, pp.111-122, 2014 (Scopus)
- V. **Synthesis and analgesic, antiinflammatory and antimicrobial evaluation of 6-substituted-3(2H)-pyridazinone-2-acetyl-2- (substituted benzal) hydrazone derivatives**
ÖZDEMİR Z., Gökçe M., KARAKURT A.
Fabad Journal of Pharmaceutical Sciences, vol.37, no.2, pp.111-122, 2012 (Scopus)
- VI. **Oximes and oxime ethers: I. Synthesis and pharmacological properties Oksim ve oksim eterler: I. Sentezleri ve farmakolojik özellikleri**

Karakurt A., DALKARA S.

Fabad Journal of Pharmaceutical Sciences, vol.24, no.3, pp.143-156, 1999 (Scopus)

VII. **Oximes and oxime ethers: II. Chemical and spectral properties Oksim ve oksim eterler: II. Kimyasal ve spektral özellikleri**

Karakurt A., DALKARA S.

Fabad Journal of Pharmaceutical Sciences, vol.24, no.3, pp.157-169, 1999 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **IN VITRO ANTICANCER ACTIVITY OF NEW NAPHTHYL ETHANONE OXIME ESTER DERIVATIVES BEARING PYRAZOLE MOIETY**
BOZBEY İ., USLU H., ŞALVA E., KARAKURT A.
12th International Symposium on Pharmaceutical Sciences, ISOPS-12, Ankara, Turkey, 26 - 29 June 2018, pp.380
- II. **MOLECULAR DOCKING STUDIES ON NEW 1-(4-TRIFLUOROMETHYL)PHENYL-2-(1H-IMIDAZOL-1-YL)ETHANONE OXIME ESTER COMPOUNDS**
BOZBEY İ., USLU H., KARAKURT A.
12th International Symposium on Pharmaceutical Sciences, ISOPS-12, Ankara, Turkey, 26 - 29 June 2018, pp.354-355
- III. **MOLECULAR MODELLING OF THE ANTICONVULSANT ACTIVITY OF 1-PHENYL/1-(4-CHLOROPHENYL)-2-(1H-1,2,4-TRIAZOL-1-YL)ETHANOL ESTERS**
SARI S., DOĞAN İ. S., ÖZDEMİR Z., Bozbey İ., KARAKURT A., SARAÇ TARHAN S.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- IV. **Non-selective COX-1/COX-2 Inhibition of 3(2H)-Pyridazinone Derivatives: A Molecular Modelling Study**
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