

Prof. YASEMİN DÜNDAR

Personal Information

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Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasotik Kimya (Dr), Turkey 2001 - 2006

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasotik Kimya (YI) (Tezli), Turkey 1998 - 2001

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1994 - 1998

Dissertations

Doctorate, Bazı 4,5-diaril-2-okso-3H-1,3-oksozol yapısındaki bileşiklerin sentezi ve selektif COX-2 inhibitör aktivitelerinin belirlenmesi üzerine çalışmalar, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasotik Kimya (Dr), 2006

Postgraduate, 3-sübstitüe 2-benzoksazolinon türevi bileşiklerin sentezi ve analjezik aktiviteleri üzerinde çalışmalar, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasotik Kimya (YI) (Tezli), 2001

Research Areas

Health Sciences

Academic Titles / Tasks

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

Associate Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2013 - 2020

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 1998 - 2010

Academic and Administrative Experience

Director of The Institution, Gazi University, Sağlık Bilimleri Enstitüsü, 2020 - Continues

Gazi University, Sağlık Bilimleri Enstitüsü, 2014 - 2016

Fakülte Yönetim Kurulu Üyesi, Gazi University, Eczacılık Fakültesi, 2012 - 2016

Courses

Heterosiklik Kimya-I, Postgraduate, 2017 - 2018

Araştırma Projesi II, Undergraduate, 2016 - 2017, 2017 - 2018

Farmasötik Kimya II Uygulama, Undergraduate, 2016 - 2017, 2017 - 2018

Araştırma Projesi I, Undergraduate, 2016 - 2017, 2017 - 2018

İR Spektroskopisi, Postgraduate, 2016 - 2017, 2017 - 2018

Farmasötik Kimya I, Undergraduate, 2016 - 2017, 2017 - 2018
İlaçlarda Yapı Aydınlatma Tekniklerine Giriş, Postgraduate, 2017 - 2018
Organik Sentezlerde Kullanılan Reajanlar-II, Doctorate, 2016 - 2017, 2017 - 2018
İlaç Metabolizmasının İlaç Keşif ve Geliştirilmesindeki Rolü, Undergraduate, 2016 - 2017

Advising Theses

DÜNDAR Y., Bazı piridopiridazin türevi bileşiklerin sentezi ve biyolojik aktiviteleri üzerine çalışmalar, Postgraduate, S.AKÇAY(Student), 2015

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Hit-to-lead optimization on aryloxybenzamide derivative virtual screening hit against SIRT**
Yagci S., GÖZELLE M., KAYA S. G. , ÖZKAN Y., Aksel A. B. , Bakar-Ates F., DÜNDAR Y., EREN G.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.30, 2021 (Journal Indexed in SCI)
- II. **Novel pyridazinone derivatives as butyrylcholinesterase inhibitors**
Dündar Y., Kuyrukçu Ö., Eren G., Şenol Deniz F. S. , Önkol T., Erdoğan Orhan İ.
BIOORGANIC CHEMISTRY, vol.92, 2019 (Journal Indexed in SCI)
- III. **SYNTHESIS AND ANTITUBERCULAR ACTIVITY OF OFLOXACIN DERIVATIVES**
DÜNDAR Y., ÜLGER M., KAYNAK ONURDAĞ F., ÖKTEN S., ÖNKOL T.
REVUE ROUMAINE DE CHIMIE, vol.63, no.4, pp.265-272, 2018 (Journal Indexed in SCI)
- IV. **Study on Synthesis and Biological Activity of Some Pyridopyridazine Derivatives**
Akçay S., Ülger M., Kaynak Onurdağ F., Dündar Y.
ACTA CHIMICA SLOVENICA, vol.65, no.4, pp.932-938, 2018 (Journal Indexed in SCI)
- V. **ANTI-QUORUM SENSING ACTIVITY OF 1, 3-DIHYDRO-2H-BENZIMIDAZOL-2-ONE DERIVATIVES**
ÖNEM E., DÜNDAR Y., ULUSOY S., Noyanalpan N., Bosgelmez-Tinaz G.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, pp.9906-9912, 2018 (Journal Indexed in SCI)
- VI. **SYNTHESIS AND ANTINOCICEPTIVE ACTIVITY OF MEPERIDINE-LIKE BENZIMIDAZOLE DERIVATIVES**
Ercanlı T., BAL N. B. , ÖZDEMİR E., DÜNDAR Y., ULUDAĞ M. O. , Cakir B., Ozden T., ÖNKOL T.
REVUE ROUMAINE DE CHIMIE, vol.61, no.1, pp.15-23, 2016 (Journal Indexed in SCI)
- VII. **Preliminary results of a novel quorum sensing inhibitor against pneumococcal infection and biofilm formation with special interest to otitis media and cochlear implantation**
Cevzici R., DÜZLÜ M., DÜNDAR Y., Noyanalpan N., Sultan N., TUTAR H., BAYAZIT Y. A.
EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY, vol.272, no.6, pp.1389-1393, 2015 (Journal Indexed in SCI)
- VIII. **The Effects of p-nonylphenol on the Myometrial Contractile Activity**
ÖZATIK F. Y. , Kaygisiz B., Erol K., Dunder Y., Onkol T., Sahin M. F.
Drug Research, vol.65, no.7, pp.388-392, 2014 (Journal Indexed in SCI Expanded)
- IX. **Synthesis and Biological Activity of Some 3-[(4-Amino-5-thioxo-1,2,4-triazol-3-yl)methyl]benzothiazol-2(3H)-one Derivatives**
DÜNDAR Y., Onurdag F. K. , ÖNKOL T.
ASIAN JOURNAL OF CHEMISTRY, vol.25, no.1, pp.225-230, 2013 (Journal Indexed in SCI)
- X. **Microwave-assisted synthesis of 1,3-benzothiazol-2(3 H)-one derivatives and analysis of their antinociceptive activity**
Onkol T., Dunder Y., Yildirim E., Erol K., Sahin M. F.
Arzneimittel-Forschung/Drug Research, vol.62, no.12, pp.571-575, 2012 (Journal Indexed in SCI Expanded)
- XI. **Synthesis and Biological Evaluation of the Salicylamide and Salicylic Acid Derivatives as Anti-Estrogen Agents**
DÜNDAR Y., ÖZATIK F. Y. , Ozatik O., Ergin V., ÖNKOL T., Menevse A., Erol K., Sahin M. F.
MEDICINAL CHEMISTRY, vol.8, no.3, pp.481-490, 2012 (Journal Indexed in SCI)

- XII. **Synthesis and biological activities of some 1,3-benzoxazol-2(3H)-one derivatives as anti-quorum sensing agents**
Miandji A. M. , Ulusoy S., Dundar Y., Ozgen S., Onurdag F. K. , Bosgelmez-Tinaz G., Noyanalpan N.
Arzneimittel-Forschung/Drug Research, vol.62, no.7, pp.330-334, 2012 (Journal Indexed in SCI Expanded)
- XIII. **Amide derivatives of [6-acyl-2-benzothiazolinon-3-yl] acetic acids as potential analgesic and anti-inflammatory compounds**
ÖNKOL T., BANOĞLU E., DÜNDAR Y., Kupeli E., Sahin M. F.
MEDICINAL CHEMISTRY RESEARCH, vol.19, no.1, pp.11-24, 2010 (Journal Indexed in SCI)
- XIV. **Synthesis and biological evaluation of 4,5-diphenyloxazolone derivatives on route towards selective COX-2 inhibitors**
DÜNDAR Y., Unlu S., BANOĞLU E., Entrena A., Costantino G., Nunez M., Ledo F., Sahin M. F. , Noyanalpan N.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.44, no.5, pp.1830-1837, 2009 (Journal Indexed in SCI)
- XV. **Structural and spectral studies on,3-(6-benzoyl-5-chloro-2-benzoxazolinon-3-yl) propanoic acid**
Arslan H., Algul O., Dundar Y.
VIBRATIONAL SPECTROSCOPY, vol.44, no.2, pp.248-255, 2007 (Journal Indexed in SCI)
- XVI. **Synthesis of some new 1-acylthiosemicarbazides and 1,2,4-triazol-5-thiones, and their analgesic and anti-inflammatory activities**
Duendar Y., Cakir B., Kuepeli E., Sahin M. F. , Noyanalpan N.
Turkish Journal of Chemistry, vol.31, no.3, pp.301-313, 2007 (Journal Indexed in SCI Expanded)
- XVII. **Methyl [6-(2-chlorobenzoyl)-2-oxo-2,3-dihydro,3-benzoxazol-3-yl]acetate**
Aydin A., Dundar Y., Akkurt M., Buyukgungor O., Sahin M. F.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (Journal Indexed in SCI)
- XVIII. **Synthesis and analgesic and antiinflammatory activity of ethyl (6-substituted-3(2H)-pyridazinone-2-yl)acetate derivatives**
DÜNDAR Y., Goekce M., Kuepeli E., Sahin M. F.
ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.57, no.12, pp.777-781, 2007 (Journal Indexed in SCI)
- XIX. **Synthesis of 2(3H)-benzothiazolinone derivatives as analgesic and anti-inflammatory agents**
DÜNDAR Y., Çakir B., K peli E., ŞAHİN M. G.
Turkish Journal of Pharmaceutical Sciences, vol.3, no.2, pp.51-60, 2006 (Journal Indexed in SCI Expanded)
- XX. **Crystal structure of ethyl [6-(2-fluorobenzoyl)-2-oxo-benzothiazolin-3-yl]-butanoate, C₂₀H₁₈FNO₄S**
Aydin A., Dundar Y., Arici C.
ZEITSCHRIFT FUR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES, vol.220, no.3, pp.379-380, 2005 (Journal Indexed in SCI)
- XXI. **Methyl 3-(2-oxobenzothiazolin-3-yl)-propanoate**
Ersanli C., Dundar Y., Sari U., Noyanalpan N., Odabasoglu M., Erdonmez A.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.59, 2003 (Journal Indexed in SCI)
- XXII. **Synthesis and analgesic and anti-inflammatory activity of some new (6-acyl-2-benzoxazolinone and 6-acyl-2-benzothiazolinone derivatives with acetic acid and propanoic acid residues**
Unlu S., Onkol T., Dundar Y., Okcelik B., Kupeli E., Yesilada E., Noyanalpan N., Sahin M.
ARCHIV DER PHARMAZIE, vol.336, no.8, pp.353-360, 2003 (Journal Indexed in SCI)
- XXIII. **Crystal structure of ethyl 4-(2-oxobenzothiazolin-3-yl)butanoate, C₁₃H₁₅N₃O₃S**
Baysen F., Yağbasan R., İDE S., Şahin E., Çakir B., DÜNDAR Y.
Zeitschrift fur Kristallographie - New Crystal Structures, vol.217, no.1, pp.529-530, 2002 (Journal Indexed in SCI Expanded)
- XXIV. **Crystal structure of ethyl 4-(2-oxobenzothiazolin-3-yl)butanoate, C₁₃H₁₅N₃O₃S**
Baysen F., Yagbasan R., İDE S., Sahin E., Cakir B., Dundar Y.
ZEITSCHRIFT FUR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES, vol.217, no.4, pp.529-530, 2002 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Synthesis and biological evaluation of some 4-amino-3-mercapto-1,2,4-triazoles bearing mannich base**
DÜNDAR Y., KAYNAK ONURDAĞ F., ÖNKOL T.
Bioorganic Medicinal Chemistry Reports, vol.2, pp.32-37, 2019 (Other Refereed National Journals)
- II. **MICROWAVE ASSISTED SYNTHESIS AND ANTIMICROBIAL EVALUATION OF MANNICHBASES OF 3 4 ARYLIDENEAMINO 5 THIOXO 1 2 4 TRIAZOL 3 YL METHYL 2 3H BENZOXAZOLONE DERIVATIVES**
DÜNDAR Y., KAYNAK ONURDAĞ F., ÖNKOL T.
Int. J. Curr.Res.Chem.Pharma.Sci, vol.2, no.2, pp.1-7, 2015 (Refereed Journals of Other Institutions)
- III. **Synthesis of (6-substituted-3(2H)-pyridazinon-2-yl) acetic acid and (6-substituted-3(2H)-pyridazinon-2-yl) acetamide derivatives and investigation of their analgesic and anti-inflammatory activities**
Gökçe M., DÜNDAR Y., Küpeli E.
Fabad Journal of Pharmaceutical Sciences, vol.35, no.1, pp.1-11, 2010 (Refereed Journals of Other Institutions)
- IV. **Studies on the synthesis and antinociceptive activity of l-[4-(2-oxo-2, 3-dihydro-1, 3-benzoxazol-3-yl)butanoyl]-4- aryl or alkyl substituted piperazine derivatives**
DÜNDAR Y., Çakir B., Erol K., ŞAHİN M. G.
Gazi Üniversitesi Eczacılık Fakültesi Dergisi, vol.20, no.1, pp.21-30, 2003 (Refereed Journals of Other Institutions)
- V. **(2-Oxobenzazolin-3-yl) alcanoic acid derivatives and antinociceptive activity**
ÖNKOL T., DÜNDAR Y., Sirmagül B., Erol K., ŞAHİN M. G.
Gazi Üniversitesi Eczacılık Fakültesi Dergisi, vol.19, no.1, pp.15-24, 2002 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Türk Farmakopesi**
TUNÇBİLEK M., YEŞİLADA A., BALKAN A., TOZKOPARAN B., PALASKA E., ÖZKANLI F., KÜÇÜKGÜZEL İ., GÖKHAN KELEKÇİ N., ŞİMŞEK R., SARAÇ TARHAN S., et al.
T. C. Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Ankara, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Novel Pyridazinone Derivatives as Selective Butrylcholinesterase Inhibitors**
DÜNDAR Y., KUYRUKÇU Ö., EREN G., ŞENOL DENİZ F. S. , ERDOĞAN ORHAN İ.
EFMC- YMCS, 6th EFMC Young Medicinal Chemist Symposium, 5 - 06 September 2019
- II. **Karbamat Yapısı Taşıyan Piridazin Türevlerinin Sentezi, Asetilkolinesteraz/ Butirilkolinesteraz İnhibitör Aktiviteleri ve Moleküler Modelleme Çalışmaları**
KUYRUKÇU Ö., ŞENOL DENİZ F. S. , EREN G., ERDOĞAN ORHAN İ., DÜNDAR Y.
2. Ulusal Marmara Eczacılık Kongresi (UMEK-2), Turkey, 14 - 16 November 2018
- III. **Synthesis and Antibacterial and Antitubercular Activity of Ofloxacin Derivatives**
DÜNDAR Y., ÜLGER M., KAYNAK ONURDAĞ F., ÖNKOL T.
17th Hellenic Symposium on Medicinal Chemistry, 1 - 03 June 2017
- IV. **Carbamate Derivatives Of Pyridazinone As Acetylcholinesterase Inhibitors**
Çiçekli Ş., DÜNDAR Y., ŞENOL F. S. , ERDOĞAN ORHAN İ., YILDIZ İ., ÖNKOL T.
International Conference on Sustainable Development (ICSD), Skopje, Macedonia, 19 - 23 October 2016
- V. **Carbamate Derivatives of Pyridazinone as Acetylcholinesterase Inhibitors**
ÇİÇEKLİ Ş., DÜNDAR Y., ŞENOL F. S. , ERDOĞAN ORHAN İ., YILDIZ İ., ÖNKOL T.
ICSD International Conference on Sustainable Development, Macedonia, 19 - 23 October 2016
- VI. **Carbamate Derivatives of Pyridazinone as Acetylcholinesterase Inhibitors ICSD International**

Conference on Sustainable Development

Çiçekli S., DÜNDAR Y., ERDOĞAN ORHAN İ., YILDIZ İ., ÖNKOL T.

ICSD International Conference on Sustainable Development, 19 - 23 October 2016

VII. Bazı Piridopiridazin Türevi Bileşiklerin Sentezi ve Biyolojik Aktiviteleri Üzerine Çalışmalar

AKÇAY S., ÜLGER M., KAYNAK ONURDAĞ F., DÜNDAR Y.

IV. Ulusal Farmasötik Kimya Kongresi, Girne, Cyprus (Kkct), 29 April - 01 May 2016

VIII. SYNTHESIS AND ANTINOCICEPTIVE ACTIVITY OF MEPERIDINELIKEBENZIMIDAZOLE DERIVATIVES

TANER E., BAL N. B. , ELİF DERYA Ö., DÜNDAR Y., ULUDAĞ M. O. , ÇAKIR B., ÖZDEN T., ÖNKOL T.

1st International Gazi Pharma SymposiumSeries (GPSS-2015), 12 - 15 November 2015

IX. Synthesis And Antinociceptive Activity Of Meperidinlike Benzimidazole Derivatives 12 15 November 2015 Antalya Türkiye

ERCANLI T., BAL N. B. , Özdemir E. D. , DÜNDAR Y., ULUDAĞ M. O. , ÇAKIR B., ÖZDEN S. T. , ÖNKOL T.

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

X. STUDY ON SYNTHESIS AND BIOLOGICAL ACTIVITY OF SOME PYRIDOPYRIDAZINE DERIVATIVES

SEVİLAY A., ÜLGER M., KAYNAK ONURDAĞ F., DÜNDAR Y.

1st International Gazi Pharma SymposiumSeries (GPSS-2015), 12 - 15 November 2015

XI. Impact of quorum sensing inhibition on infection and biofilm formation in cochlear implants and develeopment of otitis media: Preliminary results

CEVİZCİ R., DÜZLÜ M., NOYANALPAN N., DÜNDAR Y., SULTAN M. N. , TUTAR H., BAYAZIT Y. A.

1st Global Otological Research Forum (GLORF), Antalya, Turkey, 13 November 2013

Citations

Total Citations (WOS):154

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