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Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1991 - 1995

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1988 - 1991

Undergraduate, Ataturk University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1983 - 1987

Dissertations

Doctorate, Aza makrosislik grup içeren bir ve dokuz çekirdekli (metalli) ftalosiyanın komplekslerinin spektroskopik özellikleri ve elektriksel iletkenliklerinin incelenmesi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (Dr), 1995

Postgraduate, Metalsiz tetrabenzo-18-taç-6 eterli ftalosiyanın polimerinin spektroskopik özellikleri ve çözünürlük durumunun incelenmesi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 1991

Research Areas

Organic Chemistry

Academic Titles / Tasks

Associate Professor, Ondokuz Mayıs University, Fen Fakültesi, Kimya Bölümü, 2011 - Continues

Assistant Professor, Ondokuz Mayıs University, Fen Fakültesi, Kimya Bölümü, 2001 - 2011

Assistant Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği Bölümü, 2000 - 2001

Research Assistant, Ondokuz Mayıs University, Fen Fakültesi, Kimya Bölümü, 1989 - 1999

Courses

Organometalik kimya, Postgraduate, 2015 - 2016

İleri Organik Reaksiyonlar, Postgraduate, 2015 - 2016

Genel Kimya, Undergraduate, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Synthesis, crystal structure, spectroscopic and computational investigations of the newly synthesized Schiff bases scaffold as enzyme inhibitor**

- Raza M. A., Farwa U., Ashraf A., Berrin POYRAZ E., Yesilbag S., Agar E., Al-Sehemi A. G.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.299, 2023 (SCI-Expanded)
- II. **Investigating the New Schiff Base (E)-2-(((2-bromo-3-methylphenyl)imino)methyl)-4-methoxyphenol Using Synthesis, XRD, DFT, FTIR spectroscopy, Hirshfeld, NBO, Frontier Molecular Orbitals, MEP and Electrophilicity-based Charge Transfer Analysis**
Suhta A., Cicek C., Çoruh U., Ağar E., Lopez E. M. V.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.45, no.5, pp.439-452, 2023 (SCI-Expanded)
- III. **Experimental and Theoretical Biological Probing of Schiff Bases as Esterase Inhibitors: Structural, Spectral and Molecular Insights**
Raza M. A., Mumtaz M. W., Öztürk S., Latif M., Aisha A., Ashraf A., DEGE N., Doğan O. E., Ağar E., Rehman S. U., et al.
Molecules, vol.28, no.15, 2023 (SCI-Expanded)
- IV. **SYNTHESIS AND CHARACTERIZATIONS OF THE SCHIFF BASE DERIVED FROM 2-HYDROXY-5-NITROBENZALDEHYDE ALONGWITH HIRSHFELD SURFACE ANALYSIS AND COMPUTATIONAL STUDY**
Şimşek O., Ashfaq M., Tahir M., Öztürk S., Ağar E.
JOURNAL OF STRUCTURAL CHEMISTRY, vol.64, no.5, pp.942-953, 2023 (SCI-Expanded)
- V. **Synthesis, X-ray diffraction, spectroscopic (FT-IR, UV-Vis, H-1-NMR, C-13-NMR and TGA), DFT and molecular docking studies of (E)-3-(((3-chloro-4-(4-chlorophenoxy) phenyl) imino) methyl) benzene-1,2-diol**
Uzun S., DEMİRCİOĞLU Z., Tasdogan M., Ağar E.
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, vol.742, no.1, pp.25-39, 2022 (SCI-Expanded)
- VI. **Spectroscopic and Theoretical Studies and Intramolecular Proton Transfer in (Z)-2-Hydroxy-6-(((2-methoxy-5-(trifluoromethyl)phenyl)amino)methylene)cyclohexa-2,4-dien-1-one**
Özdemir Tarı G., Kirca B. K., Tasdogan M., Özdemir N., Ağar E.
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A, vol.95, no.8, pp.1621-1631, 2021 (SCI-Expanded)
- VII. **Experimental (XRD, FTIR, UV-Vis, NMR) and theoretical investigations (chemical activity descriptors, NBO, DNA/ECT) of (E)-2-((2-hydroxy-5-methoxybenzylidene)amino)-4-nitrophenol**
Guzel E., DEMİRCİOĞLU Z., Cicek C., Ağar E., Yavuz M.
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, vol.724, no.1, pp.58-76, 2021 (SCI-Expanded)
- VIII. **Two new zinc(II) and mercury(II) complexes based on N,V-(cyclohexane-1,2-diylidene)bis(4-fluorobenzohydrazide): synthesis, crystal structures and antibacterial activities**
OmarAli A. B., Al-Karawi A. J. M., Awad A. A., DEGE N., Kansiz S., Ağar E., Hussein Z. A., Mohammed I. R.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.76, pp.476-496, 2020 (SCI-Expanded)
- IX. **Quantum chemical and X-ray diffraction studies of (E)-3-(((3,4-dimethoxybenzyl)imino)methyl)benzene-1,2-diol**
Uzun S., DEMİRCİOĞLU Z., Tasdogan M., Ağar E.
JOURNAL OF MOLECULAR STRUCTURE, vol.1206, 2020 (SCI-Expanded)
- X. **Experimental and theoretical approach: Local and global chemical activity, charge transfer method with DNA bases, spectroscopic, structural and electronic properties of (E)-2-(((4-fluorophenyl)imino)methyl)-4-methoxyphenol**
Güzel E., Demircioğlu Z., Çiçek C., Ağar E.
Journal of Molecular Structure, vol.1204, 2020 (SCI-Expanded)
- XI. **A3B type unsymmetrical and amphiphilic phthalocyanines: Synthesis, characterization, thermal stability and aggregation studies**
Şahin S., Ağar E.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.227, 2020 (SCI-Expanded)
- XII. **Structural, spectroscopic and electronic properties of 4-bromo-5-fluoro-2-((3-nitrophenylimino)methyl)phenol Schiff-base molecule: Experimental and theoretical investigations**
Bozkurt I., EVEGEN M., TANAK H., Ağar E.
JOURNAL OF MOLECULAR STRUCTURE, vol.1197, pp.9-18, 2019 (SCI-Expanded)
- XIII. **Synthesis, spectroscopic properties, thermal properties and aggregation behaviors of macrogol-**

substituted phthalocyanines

Şahin S., Ağar E.

JOURNAL OF MOLECULAR STRUCTURE, vol.1187, pp.121-131, 2019 (SCI-Expanded)

- XIV. **Crystal structure and computational studies of (E)-1-(benzo[b]thiophen-3-yl)-N-(4-ethoxyphenyl)methanimine**
Bülbul H., Köysal Y., Doğan O. E., DEGE N., Ağar E.
CRYSTALLOGRAPHY REPORTS, vol.64, no.3, pp.403-406, 2019 (SCI-Expanded)
- XV. **Structural, spectroscopic, radical scavenging activity, molecular docking and DFT studies of a synthesized Schiff base compound**
GÖKCE H., ALPASLAN Y. B., Zeyrek C. T., Ağar E., Guder A., Özdemir N., ALPASLAN G.
JOURNAL OF MOLECULAR STRUCTURE, vol.1179, pp.205-215, 2019 (SCI-Expanded)
- XVI. **Synthesis, spectroscopic (FT-IR, UV-Vis), experimental (X-Ray) and theoretical (HF/DFT) study of: (E)-2-Chloro-N-((4-nitrocyclopenta-1,3-dienyl)methylene)benzenamine**
Özdemir Tarı G., CEYLAN Ü., UZUN S., Ağar E., Buyukgungor O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1174, pp.18-24, 2018 (SCI-Expanded)
- XVII. **Crystal and Molecular Structure of 2-(4-Ethoxyphenyl)isoindoline-1,3-dione**
Duru G., EVECEN M., TANAK H., Ağar E.
CRYSTALLOGRAPHY REPORTS, vol.63, no.7, pp.1116-1119, 2018 (SCI-Expanded)
- XVIII. **The Crystallographic, Spectroscopic and Theoretical Studies on (E)-2-(((4-fluorophenyl)imino)methyl)-4-nitrophenol and (E)-2-(((3-fluorophenyl)imino)methyl)-4-nitrophenol Compounds**
Demirtas G., DEGE N., Ağar E., Şahin S.
IRANIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION, vol.37, no.5, pp.55-65, 2018 (SCI-Expanded)
- XIX. **Crystal Structure of 2-((E)-(5-Bromo-2-hydroxybenzylidene)hydrazono)-1,2-diphenylethanone(1)**
Kaynar N. K., Yavuz M., TANAK H., Şahin S., Buyukgungor O., Ağar E.
CRYSTALLOGRAPHY REPORTS, vol.63, no.3, pp.375-378, 2018 (SCI-Expanded)
- XX. **Molecular and Crystal Structure of 2-((E)-[(5-Chloro-2-methoxyphenyl)imino]methyl)-4-nitrophenol(1)**
Kaynar N. K., Ağar E., TANAK H., Şahin S., Buyukgungor O., Yavuz M.
CRYSTALLOGRAPHY REPORTS, vol.63, no.3, pp.372-374, 2018 (SCI-Expanded)
- XXI. **The crystallographic, spectroscopic and theoretical studies on (E)-2-(((4-chlorophenyl)imino)methyl)-5-(diethylamino)phenol and (E)-2-(((3-chlorophenyl)imino)methyl)-5-(diethylamino)phenol molecules**
Demirtas G., DEGE N., Ağar E., Uzun S. G.
JOURNAL OF MOLECULAR STRUCTURE, vol.1152, pp.199-206, 2018 (SCI-Expanded)
- XXII. **Synthesis, crystal structure, spectroscopic characterization and theoretical calculations of (Z)-N-(naphthalen-2-yl)-1-(5-nitrothiophen-2-yl)methanimine**
Özdemir Tarı G., Ağar E.
JOURNAL OF MOLECULAR STRUCTURE, vol.1147, pp.56-68, 2017 (SCI-Expanded)
- XXIII. **Experimental (X-ray, IR and UV-vis.) and DFT studies on cocrystallization of two tautomers of a novel Schiff base compound**
TEMEL E., ALAŞALVAR C., Eserci H., Ağar E.
JOURNAL OF MOLECULAR STRUCTURE, vol.1128, pp.5-12, 2017 (SCI-Expanded)
- XXIV. **Molecular structure, spectroscopic, and density functional theory studies of o-Dianisidine**
EVECEN M., TANAK H., DEGE N., KARA M., Doğan O. E., Ağar E.
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, vol.648, no.1, pp.183-201, 2017 (SCI-Expanded)
- XXV. **Novel aldehyde and thiosemicarbazone derivatives: Synthesis, spectroscopic characterization, structural studies and molecular docking studies**
KARAKURT T., Tahtacı H., SUBAŞI CANBAZ N. T., Er M., Ağar E.
JOURNAL OF MOLECULAR STRUCTURE, vol.1125, pp.470-480, 2016 (SCI-Expanded)

- XXVI. **Crystal structure, spectroscopic investigations and quantum chemical computational study of 5-(diethylamino)-2-((3-nitrophenylimino)methyl)phenol**
Özdemir Tarı G., CEYLAN Ü., Ağar E., Eserci H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1126, pp.83-93, 2016 (SCI-Expanded)
- XXVII. **Spectroscopic (FT-IR and UV-Vis) and theoretical (HF and DFT) investigation of 2-Ethyl-N-[(5-nitrothiophene-2-yl)methylidene] aniline**
CEYLAN Ü., Özdemir Tarı G., GÖKCE H., Ağar E.
JOURNAL OF MOLECULAR STRUCTURE, vol.1110, pp.1-10, 2016 (SCI-Expanded)
- XXVIII. **Molecular and crystal structure of 2-[(E)-[(4-Methylphenyl)imino]methyl]-4-nitrophenol: A redetermination**
Kaynar N. K., TANAK H., Şahin S., DEGE N., Ağar E., Yavuz M.
CRYSTALLOGRAPHY REPORTS, vol.61, no.2, pp.239-242, 2016 (SCI-Expanded)
- XXIX. **A combined experimental (XRD, FT-IR, and UV-Vis) and DFT computational studies on (E)-N-[4-bromo-2-(trifluoromethoxy) phenyl]-1-(5-nitrothiophen-2-yl) methanimine**
TANAK H., Kocak F., Ağar E.
MOLECULAR PHYSICS, vol.114, no.2, pp.197-212, 2016 (SCI-Expanded)
- XXX. **Synthesis, molecular structure, FT-IR, FT-Raman and XRD spectroscopic investigations of (E)-1-(5-((4-bromophenyl)diazenyl)-2-hydroxyphenyl)ethanone: A comparative DFT study**
Ağar E., ALVER Ö., Köroğlu A., Gümüş S., Kazak C.
JOURNAL OF MOLECULAR STRUCTURE, vol.1098, pp.84-91, 2015 (SCI-Expanded)
- XXXI. **Crystal structure, spectroscopic studies and quantum mechanical calculations of 2-(((3-iodo-4-methyl)phenylimino)methyl)-5-nitrothiophene**
Özdemir Tarı G., Gumus S., Ağar E.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.141, pp.119-127, 2015 (SCI-Expanded)
- XXXII. **Crystal structure and DFT calculations of 2-naphthalenecarboxamide,3 hydroxy-N(2-methylphenyl)**
Erdonmez A., Baba S. A., Ağar E., ÇORUH U.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.71, 2015 (SCI-Expanded)
- XXXIII. **(E)-3-Chloro-N-((5-nitrothiophen-2-yl)methylene)aniline: A combined crystallographic, theoretical and antimicrobial activity investigation**
Yilmaz I., Kazak C., Gumus S., Ağar E., Ardalı Y.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.97, pp.423-428, 2012 (SCI-Expanded)
- XXXIV. **(E)-3-[(2-Methyl-4-nitrophenyl)iminomethyl]-1-benzothiophene**
İNAÇ H., DEGE N., Gumus S., Ağar E., SOYLU M. S.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.68, 2012 (SCI-Expanded)
- XXXV. **(Z)-2-Methoxy-N-[(5-nitrothiophen-2-yl)methylidene]aniline**
Kaynar N. K., Gumus S., Ağar E., Buyukgungor O., Yavuz M.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.68, 2012 (SCI-Expanded)
- XXXVI. **Anchor Effect on Pedal Motion Observed in Crystal Phase of an Azobenzene Derivative**
KARABIYIK H., Petek H., Ocak İskeleli N., Albayrak C., Ağar E.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.41, no.11, pp.1642-1648, 2011 (SCI-Expanded)
- XXXVII. **2-Ethyl-N-[(5-nitrothiophen-2-yl)methylidene]aniline**
Ceylan U., TANAK H., Gumus S., Ağar E.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.67, 2011 (SCI-Expanded)
- XXXVIII. **Experimental and Semi-Empirical and DFT Calculational Studies on (E)-2-[(2,4-Dichlorophenylimino) methyl]-p-cresol**
Alpaslan Y. B., Suleymanoglu N., Öztekin E., Ersahin F., Ağar E., Isik S.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.40, no.11, pp.950-956, 2010 (SCI-Expanded)
- XXXIX. **1-[(E)-(2-Phenoxyanilino)methylene]naphthalen-2(1H)-one**
Temel E., Ağar E., Bueyuekguengoer O.

- ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.66, 2010 (SCI-Expanded)
- XL. **Experimental and DFT studies of (E)-1-((3-bromophenylimino)methyl)naphthalene 2-ol**
Akbal T., Erdonmez A., Ağar E.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.66, 2010 (SCI-Expanded)
- XLI. **The microwave-assisted synthesis and characterization of novel, octakis(2-hydroxyethoxy)resorcinarene bridged polymeric metallophthalocyanines**
KANTAR C., Ağar E., ŞAŞMAZ S.
POLYHEDRON, vol.28, no.16, pp.3485-3490, 2009 (SCI-Expanded)
- XLII. **Theoretical modeling and experimental studies on N-n-Decyl-2-oxo-5-nitro-1-benzylidene-methylamine**
Tanak H., Ersahin F., Köysal Y., Ağar E., Isik S., Yavuz M.
JOURNAL OF MOLECULAR MODELING, vol.15, no.10, pp.1281-1290, 2009 (SCI-Expanded)
- XLIII. **2-[(2,4-Dimethylphenyl)iminomethyl]-6-methylphenol**
Tanak H., Ersahin F., Ağar E., Yavuz M., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (SCI-Expanded)
- XLIV. **Synthesis, spectroscopic, and molecular structure characterizations of some azo derivatives of 2-hydroxyacetophenone**
Albayrak C., Gumrukcuoglu I. E., ODABAŞOĞLU M., Ocak İskeleli N., Ağar E.
JOURNAL OF MOLECULAR STRUCTURE, vol.932, no.1-3, pp.43-54, 2009 (SCI-Expanded)
- XLV. **2-[(E)-(2-Morpholinoethyl)iminomethyl]-4-nitro-1-oxocyclohexadienide**
Alpaslan Y. B., Tanak H., Ağar E., Ersahin F.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, 2009 (SCI-Expanded)
- XLVI. **2-[(2,4-Dimethylphenyl)iminomethyl]-3,5-dimethoxyphenol**
Tanak H., Alpaslan Y. B., Yavuz M., Ağar E., Ersahin F., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, pp.1572-1580, 2009 (SCI-Expanded)
- XLVII. **3-[(2,4-Dichlorophenyl)iminomethyl]-2-hydroxy-5-methylbenzaldehyde**
Kilic I., Isik S., Ağar E., Ersahin F.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (SCI-Expanded)
- XLVIII. **2-[(4-Chlorophenyl)iminomethyl]hydroquinone**
Yazici S., Ersahin F., Ağar E., Senel I., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (SCI-Expanded)
- XLIX. **(E)-4-{2-[(4-Chlorophenyl)iminomethyl]phenoxy}phthalonitrile**
Tufekci M., Alpaslan G., Ersahin F., Ağar E., Erdonmez A.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (SCI-Expanded)
- L. **4-{2-Methoxy-6-[(4-methylphenyl)iminomethyl]phenoxy}phthalonitrile**
Yazici S., Akkaya A., Ağar E., Senel I., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (SCI-Expanded)
- LI. **2-[(4-Bromophenyl)iminomethyl]-3,5-dimethoxyphenol**
Kilic I., Ağar E., Ersahin F., Isik S.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (SCI-Expanded)
- LII. **2-[(4-Methoxyphenyl)iminomethyl]-4-nitrophenol**
Kilic I., Ağar E., Ersahin F., Isik S.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (SCI-Expanded)
- LIII. **(E)-2-[(2,4-Dichlorophenyl)iminomethyl]-6-methylphenol**
Sahin Z. S., Isik S., Ersahin F., Ağar E.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, 2009 (SCI-Expanded)
- LIV. **Crystal Structure of 2-(4-Bromophenylimino)methyl-3,5-dimethoxyphenol.**
Kilic I., Ersahin F., Ağar E., Isik S.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (SCI-Expanded)
- LV. **Experimental and Semi-empirical and DFT Computational Studies on (E)-4-(2-((4-chloro**

phenylimino)methyl)phenoxy) Phthalonitrile.

Tufekci M., Alpaslan G., Ağar E., Ersahin F., Erdonmez A.

ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (SCI-Expanded)

LVI. 2-[1-[(4-Methoxyphenyl)Imino]Ethyl]-4-Nitrophenol

Akbal T., Erdonmez A., Ağar E., Ersahin F.

ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (SCI-Expanded)

LVII. Experimental and DFT Studies of N-2-Methoxyphenyl-2-oxo-5-nitro-1-benzylidenemethylamine: In Gas Phase and Solvent Media.

Tanak H., Yavuz M., Buyukgungor O., Ersahin F., Ağar E.

ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (SCI-Expanded)

LVIII. The Crystal Structure and Conformational Analyses of 2-[(2-Bromophenylimino)Methyl]-4-Methoxyphenol.

Sahin Z. S., Ersahin F., Ağar E., Isik S.

ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (SCI-Expanded)

LIX. (E)-2-[(2-Chlorophenyl)iminomethyl]-4-Methylphenol.

Deveci O., Isik S., Ersahin F., Ağar E.

ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (SCI-Expanded)

LX. Experimental and Semi-empirical and DFT Computational Studies on (E)-2-(1-(2-(4-methylphenylsulfonamido)ethyliminio)ethyl)phenolate.

Alpaslan G., Ağar E., Ersahin F., Isik S., Erdonmez A.

ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (SCI-Expanded)

LXI. Synthesis, X-ray Molecular Structure, and Computational Study of (E)-2-[tris(hydroxymethyl)methyl]aminomethylen-4-methylphenol

Özdemir Tarı G., Isik S., Tanak H., Ersahin F., Ağar E.

ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (SCI-Expanded)

LXII. Desynchronization of pedal motion: Crystallographic and theoretical study of (E)-4-[(4-ethylphenyl)diazenyl]-2-methylphenol

Ocak İskeleli N., KARABIYIK H., Albayrak C., Ağar E.

JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.38, no.9, pp.671-677, 2008 (SCI-Expanded)

LXIII. Crystallographic and conformational analysis of (E)-2-isopropyl-4-(p-tolyldiazenyl)phenol

Ocak İskeleli N., KARABIYIK H., Albayrak C., Ağar E., Guemruekcueoglu I. E.

STRUCTURAL CHEMISTRY, vol.19, no.4, pp.565-570, 2008 (SCI-Expanded)

LXIV. An intermediate structure trapped in solid-state tautomerization process of (E)-4-[(4-chlorophenylimino)methyl]benzene-1,2,3-triol

KARABIYIK H., Ocak İskeleli N., Petek H., Albayrak C., Ağar E.

JOURNAL OF MOLECULAR STRUCTURE, vol.873, no.1-3, pp.130-136, 2008 (SCI-Expanded)

LXV. Microwave-assisted synthesis and characterization of differently substituted phthalocyanines containing 3,5-dimethoxyphenol and octanethiol moieties

Kantar C., Akdemir N., Agar E., Ocak N., ŞAŞMAZ S.

DYES AND PIGMENTS, vol.76, no.1, pp.7-12, 2008 (SCI-Expanded)

LXVI. The microwave-assisted synthesis and characterization of novel polymeric phthalocyanines containing resorcinarene

KANTAR C., Ağar E., ŞAŞMAZ S.

DYES AND PIGMENTS, vol.77, no.3, pp.487-492, 2008 (SCI-Expanded)

LXVII. (E)-4-Bromo-2-(2-methoxyphenylimino-methyl)phenol

Gul Z. S., Ersahin F., Agar E., Isik S.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)

LXVIII. (E)-2-Methyl-6-[(p-tolylimino)methyl]-phenol

Bingoel Y., Ersahin F., Agar E., Isik S.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)

LXIX. (E)-2-Methyl-6-[3-(trifluoromethyl)-phenyliminomethyl]phenol

- Akkaya A., Ersahin F., Agar E., Senel I., Bueyuekguengoer O.
 ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (SCI-Expanded)
- LXX. **(E)-2-[2-(Hydroxymethyl)phenyliminomethyl]-6-methylphenol**
 Guel Z. S., Ersahin F., Agar E., Isik S.
 ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- LXXI. **(E)-4-Methyl-2-[3-(trifluoromethyl)phenyliminomethyl] phenol**
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TEMEL E., AKKAYA A., TAŞDOĞAN M., AĞAR E.
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- LIII. XRay Analysis of The Crystal Structure of C18H13N3O5**
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Turkish Physical Society 29th International Physics Congress, Muğla-Bodrum, Turkey, 5 - 08 September 2012, pp.93
- LIV. Theoretical Modeling And Experimental Studies on E 2 chloro N 5 nitrothiophen 2 yl methylene aniline**
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