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Yoksis Araştırmacı ID: 3844

Eğitim Bilgileri

Doktora, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya/ Organik Kimya, Türkiye 1990 - 1995

Yüksek Lisans, Atatürk Üniversitesi, Fen Bilimleri, Kimya/ Organik Kimya, Türkiye 1988 - 1990

Lisans, Atatürk Üniversitesi, Fen Fak, Kimya, Türkiye 1984 - 1988

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Kimya, Organik Kimya, Hidrokarbon Kimyası, Temel Bilimler

Verdiği Dersler

ORGANİK SENTEZ TASARIMI, Doktora, 2022 - 2023

Kimya, Lisans, 2022 - 2023

Uzmanlık alan Dersi II, Doktora, 2020 - 2021

Genel Kimya Laboratuvarı II, Lisans, 2020 - 2021

Organik Kimya II, Lisans, 2020 - 2021

Organik Kimya I, Lisans, 2020 - 2021

Uzmanlık Alan Dersi I, Doktora, 2020 - 2021

Genel Kimya Labaratuvarı , Lisans, 2020 - 2021

Bilimsel Bilgiye Erişim Bilgiyi sunma, Doktora, 2015 - 2016

Yönetilen Tezler

DAŞTAN A., İndolün Brominasyonu ve Yeni Triazatruksenlerin Sentezi, Doktora, E.Karaoglu(Öğrenci), 2017

Jüri Üyelikleri

Akademik Kadroya Atama-Profesörlük, Akademik Kadroya Atama-Profesörlük, Sultan Qaboos University, Şubat 2023

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. Catalyst/Metal/Solvent-Free Markovnikov Hydrothiolation of Unactivated Alkenes with Dithiocarbamic Acids
Halimehjani A. Z., Dagalan Z., Marjani Z., Gunduz F., Daştan A., Nişancı B.
JOURNAL OF ORGANIC CHEMISTRY, 2024 (SCI-Expanded)
- II. P-type π -conjugated BTPDS-8 organic molecule for broadband hybrid photodetector with organic/inorganic heterostructure
Ganjehyan K., YILDIRIM F., Erdoğan M., DAŞTAN A., AYDOĞAN Ş.
SENSORS AND ACTUATORS A-PHYSICAL, cilt.367, 2024 (SCI-Expanded)
- III. Bromination of endo-7-norbornene derivatives revisited: failure of a computational NMR method in elucidating the configuration of an organic structure
Gültekin D., Daştan A., Taşkesenligil Y., Kazaz C., Zorlu Y., Balci M.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, cilt.19, ss.764-770, 2023 (SCI-Expanded)
- IV. Selectfluor and TBAX (Cl, Br) Mediated Oxidative Chlorination and Bromination of Olefins
Dagalan Z., Kocak R., DAŞTAN A., NİŞANCI B.
ORGANIC LETTERS, cilt.24, ss.8261-8264, 2022 (SCI-Expanded)
- V. Highly efficient hydrogenation and dehydrogenation of N-Heteroarenes catalyzed by mesoporous graphitic carbon nitride supported CoPd alloy nanoparticles
Dağalan Z., Can H., Daştan A., Nişancı B., Metin Ö.
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- VI. Transition-Metal-Free Synthesis of 4-Alkynylquinazolines
UÇAR S., DAŞTAN A.
EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, cilt.2022, sa.13, 2022 (SCI-Expanded)
- VII. Recent Advances in the Transition-Metal-Free Arylation of Hetero-arenes
UÇAR S., DAŞTAN A.
SYNTHESIS-STUTTGART, cilt.53, sa.23, ss.4353-4374, 2021 (SCI-Expanded)
- VIII. Theoretical Studies on the Mechanism of the Formation of Cyclopentadienes and Dihydropyridazines
Hallooman D., Rhyman L., Dalkilic E., DAŞTAN A., Elzagheid M., Domingo L. R., Ramasami P.
CHEMISTRYSELECT, cilt.6, sa.37, ss.9806-9813, 2021 (SCI-Expanded)
- IX. Dibenzosuberone-Based Photo- and Thermochromic Switches, a Transformation: Rearrangement of Dibenzosuberones to Spiro Anthrones
Kocak R., DAŞTAN A.
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- X. Design, synthesis, characterization, and anticancer activity of a novel series of O-substituted chalcone derivatives
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BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, cilt.35, 2021 (SCI-Expanded)
- XI. Synthesis of dibenzosuberone-based novel polycyclic pi-conjugated dihydropyridazines, pyridazines and pyrroles
Kocak R., DAŞTAN A.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, cilt.17, ss.719-729, 2021 (SCI-Expanded)
- XII. Synthesis and structural characterization of novel O-substituted phenolic and chalcone derivatives with antioxidant activity
Ngameni B., Erdogan M., Kuete V., Dalkilic E., Ngadjui B. T., DAŞTAN A.
JOURNAL OF CHEMICAL RESEARCH, cilt.45, sa.1-2, ss.159-165, 2021 (SCI-Expanded)

- XIII. **Transition Metal-Free Heteroarylation of Quinoxaline: Construction of Heteroaryl-Fused Phenazines by Oxidative Coupling**
UÇAR S., DAŞTAN A.
Journal of Organic Chemistry, cilt.85, sa.23, ss.15502-15513, 2020 (SCI-Expanded)
- XIV. **One-pot homo- and cross-coupling of diazanaphthalenes via C-H substitution: Synthesis of Bis- and Tris-diazanaphthalenes**
UÇAR S., DAŞTAN A.
JOURNAL OF HETEROCYCLIC CHEMISTRY, cilt.57, sa.11, ss.4013-4022, 2020 (SCI-Expanded)
- XV. **Design, synthesis, and characterization of a new class of efficient dihydropyridazine-dibenzosuberone derived fluorescent dyes and investigation of their some photophysical properties**
Erdogan M., DAŞTAN A.
TETRAHEDRON, cilt.76, sa.26, 2020 (SCI-Expanded)
- XVI. **Monodisperse CuPt alloy nanoparticles assembled on reduced graphene oxide as catalysts in the transfer hydrogenation of various functional organic groups**
GANJEHYAN K., Nisancı B., SEVİM M., DAŞTAN A., Metin O.
APPLIED ORGANOMETALLIC CHEMISTRY, cilt.33, sa.5, 2019 (SCI-Expanded)
- XVII. **1,2-Dibromotetrachloroethane: an efficient reagent for many transformations by modified Appel reaction**
Essiz S., DAŞTAN A.
TURKISH JOURNAL OF CHEMISTRY, cilt.43, sa.1, ss.150-156, 2019 (SCI-Expanded)
- XVIII. **Aromatic stacking of a perylenetetracarboxylic tetraester: Self-assembly in both water and chloroform**
NİŞANCI B., DAŞTAN A., BOZDEMİR Ö. A.
Tetrahedron Letters, cilt.59, sa.39, ss.3558-3562, 2018 (SCI-Expanded)
- XIX. **Synthesis of Pyridazine and Pyrrole Analogues of 2-Aminotetralin as Potential Dopaminergics**
Koçak R., DAŞTAN A., SARAÇOĞLU N.
JOURNAL OF HETEROCYCLIC CHEMISTRY, cilt.55, sa.6, ss.1489-1493, 2018 (SCI-Expanded)
- XX. **One hundred years of benzotropone chemistry**
DAŞTAN A., KILIÇ H., SARAÇOĞLU N.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, cilt.14, ss.1120-1180, 2018 (SCI-Expanded)
- XXI. **The Dibenzosuberone Scaffold as a Privileged Substructure: From Synthesis to Application**
DAŞTAN A., KILIÇ H., SARAÇOĞLU N.
SYNTHESIS-STUTTGART, cilt.50, sa.3, ss.391-439, 2018 (SCI-Expanded)
- XXII. **Highly diastereoselective synthesis of a novel functionalized triepoxytrinaphthylene**
Erdogan M., EŞSİZ S., Fabris F., DAŞTAN A.
ARKIVOC, ss.134-143, 2018 (SCI-Expanded)
- XXIII. **Synthesis of an F-BODIPY [2]catenane using the chemistry of bis(dipyrrinato) metal complexes**
NİŞANCI B., Sahinoglu S., Tuner E., ARIK M., Kani I., DAŞTAN A., BOZDEMİR Ö. A.
CHEMICAL COMMUNICATIONS, cilt.53, sa.92, ss.12418-12421, 2017 (SCI-Expanded)
- XXIV. **Access to polysubstituted naphthalenes and anthracenes via a retro-Diels-Alder reaction**
Akin E. T., Erdoğan M., Daştan A., SARAÇOĞLU N.
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- XXV. **Dihydropyridazine-appended dibenzosuberones as a new class of fluorophores: Application to fluoride sensing**
Koçak R., Yıldız D., BOZKAYA U., DAŞTAN A., BOZDEMİR Ö. A.
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- XXVI. **Bromination of quinoxaline and derivatives: Effective synthesis of some new brominated quinoxalines**
UCAR S., Essiz S., DAŞTAN A.
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- XXVII. **Unexpected regioselectivity observed in the bromination and epoxidation reactions of p-benzoquinone-fused norbornadiene: An experimental and computational study**
Essiz S., DALKILIC E., Sari O., DAŞTAN A., Balci M.
TETRAHEDRON, cilt.73, sa.12, ss.1640-1649, 2017 (SCI-Expanded)
- XXVIII. **Hemisynthesis and Spectroscopic Characterization of Three New Chalcone Derivatives from Dorstenia barteri**
NGAMENI B., FOTSO G. W., AMBASSA P., KAMGA J., DAŞTAN A., NGADJUI B. T.
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- XXIX. **Novel eugenol derivatives: Potent acetylcholinesterase and carbonic anhydrase inhibitors**
Topal F., GÜLÇİN İ., DAŞTAN A., Guney M.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.94, ss.845-851, 2017 (SCI-Expanded)
- XXX. **Synthesis of Some Novel Norbornene-Fused Pyridazines as Potent Inhibitors of Carbonic Anhydrase and Acetylcholinesterase**
KOCAK R., AKIN E. T., KALIN P., Talaz O., SARAÇOĞLU N., DAŞTAN A., GÜLÇİN İ., Durdagi S.
JOURNAL OF HETEROCYCLIC CHEMISTRY, cilt.53, sa.6, ss.2049-2056, 2016 (SCI-Expanded)
- XXXI. **Heterogeneous Catalytic Reductive Amination of Carbonyl Compounds with Ni-Al Alloy in Water as Solvent and Hydrogen Source**
Schäfer C., Nişancı B., Bere M. P., DAŞTAN A., Török B.
Synthesis (Germany), cilt.48, sa.18, ss.3127-3133, 2016 (SCI-Expanded)
- XXXII. **Effective bromo and chloro peroxidation catalysed by tungsten(VI) amino triphenolate complexes**
BADETTI E., ROMANO F., MARCHIO L., Taskesenlioglu S., DAŞTAN A., ZONTA C., LICINI G.
DALTON TRANSACTIONS, cilt.45, sa.37, ss.14603-14608, 2016 (SCI-Expanded)
- XXXIII. **Graphene-supported NiPd alloy nanoparticles: A novel and highly efficient heterogeneous catalyst system for the reductive amination of aldehydes**
Nişancı B., Ganjehyan K., Metin Ö., DAŞTAN A., Török B.
Journal of Molecular Catalysis A: Chemical, cilt.409, ss.191-197, 2015 (SCI-Expanded)
- XXXIV. **Synthesis of a Novel Benzocyclotrimer with One Rigid and One Flexible Electron-Rich Cavity**
BOLZAN A., BORTOLUZZI M., BORSATO G., FABBRO C., DAŞTAN A., DE LUCCHI O., FABRIS F.
HELVETICA CHIMICA ACTA, cilt.98, sa.8, ss.1067-1074, 2015 (SCI-Expanded)
- XXXV. **Synthesis of cyclopentadiene derivatives by retro-Diels-Alder reaction of norbornadiene derivatives**
DALKILIC E., DAŞTAN A.
TETRAHEDRON, cilt.71, sa.13, ss.1966-1970, 2015 (SCI-Expanded)
- XXXVI. **Twisted Baskets**
Hermann K., Pratmyot Y., Polen S., Hardin A. M., Dalkilic E., DAŞTAN A., Badjic J. D.
CHEMISTRY-A EUROPEAN JOURNAL, cilt.21, sa.9, ss.3550-3555, 2015 (SCI-Expanded)
- XXXVII. **Synthesis and use of "clickable" bay-region tetrasubstituted perylene tetracarboxylic tetraesters and a perylene monoimide diester as energy acceptors**
AYDIN E., Nişancı B., Acar M., DAŞTAN A., BOZDEMİR Ö. A.
NEW JOURNAL OF CHEMISTRY, cilt.39, sa.1, ss.548-554, 2015 (SCI-Expanded)
- XXXVIII. **Oxidation of cyanobenzocycloheptatrienes: Synthesis, photooxygenation reaction and carbonic anhydrase isoenzymes inhibition properties of some new benzotropone derivatives**
Guney M., Coskun A., TOPAL F., DAŞTAN A., GÜLÇİN İ., SUPURAN C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.22, sa.13, ss.3537-3543, 2014 (SCI-Expanded)
- XXXIX. **Trapping of Organophosphorus Chemical Nerve Agents in Water with Amino Acid Functionalized Baskets**
Ruan Y., DALKILIC E., Peterson P. W., Pandit A., DAŞTAN A., Brown J. D., Polen S. M., Hadad C. M., Badjic J. D.
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- XL. **Norbornanoid Chiral Ketones by Desymmetrization of Dibromoalkenes**
Koçak R., BORSATO G., DE LUCCHI O., DAŞTAN A.
HELVETICA CHIMICA ACTA, cilt.97, sa.4, ss.537-545, 2014 (SCI-Expanded)
- XLI. **A Molecular Claw: A Dynamic Cavitand Host**

- Hermann K., Nakhla M., Gallucci J., Dalkilic E., DAŞTAN A., Badjic J. D.
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION, cilt.52, sa.43, ss.11313-11316, 2013 (SCI-Expanded)
- XLII. **Stereoconvergent Generation of a Contrasteric syn-Bicyclopropylidene (=syn-Cyclopropylidenecyclopropane) by Stille-Like Coupling**
Guney M., Essiz S., DAŞTAN A., Balci M., DE LUCCHI O., ŞAHİN E., FABRIS F.
HELVETICA CHIMICA ACTA, cilt.96, sa.5, ss.941-950, 2013 (SCI-Expanded)
- XLIII. **Nucleophilic substitution of bromonorbornenes and derivatives by electron transfer reactions**
CRESPO ANDRADA K. F., PEISINO L. E., GUNAY M., DAŞTAN A., PIERINI A. B.
ORGANIC & BIOMOLECULAR CHEMISTRY, cilt.11, sa.6, ss.955-965, 2013 (SCI-Expanded)
- XLIV. **Environmentally benign synthesis of heterocyclic compounds by combined microwave-assisted heterogeneous catalytic approaches**
Dastan A., KULKARNI A., TOEROEK B.
GREEN CHEMISTRY, cilt.14, sa.1, ss.17-37, 2012 (SCI-Expanded)
- XLV. **Bromination of 2,3-dihydrobenzobarrelene and synthesis of its mono- and dibromide derivatives: unexpected Wagner-Meerwein rearrangement on silica gel**
Essiz S., SENGUL M. E., ŞAHİN E., DAŞTAN A.
TURKISH JOURNAL OF CHEMISTRY, cilt.35, sa.4, ss.587-598, 2011 (SCI-Expanded)
- XLVI. **Low and high temperature bromination of 2,3-dicarbomethoxy and 2,3-dicyano benzobarrelene: unexpected substituent effect on bromination**
TASKESENLOGLU S., DAŞTAN A., DALKILIC E., GUNAY M., Abbasoglu R.
NEW JOURNAL OF CHEMISTRY, cilt.34, sa.1, ss.141-150, 2010 (SCI-Expanded)
- XLVII. **Synthesis and Diels-Alder cycloaddition reaction of norbornadiene and benzonorbornadiene dimers**
NİŞANCI B., DALKILIC E., GUNAY M., DAŞTAN A.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, cilt.5, 2009 (SCI-Expanded)
- XLVIII. **The first and efficient synthesis of some of the polyhalogenated benzobarrelenes: unusual formation of a benzosemibullvalene derivative**
SENGUL M. E., GULTEKIN D., Essiz S., ŞAHİN E., DAŞTAN A.
TETRAHEDRON, cilt.65, sa.25, ss.4859-4865, 2009 (SCI-Expanded)
- XLIX. **Novel and versatile protocol for the preparation of functionalized benzocyclotrimers**
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TETRAHEDRON LETTERS, cilt.50, sa.17, ss.1989-1991, 2009 (SCI-Expanded)
- L. **Carbonic anhydrase inhibitors. Inhibition of human erythrocyte isozymes I and II with a series of antioxidant phenols**
SENTURK M., GÜLÇİN İ., DAŞTAN A., KÜFREVİOĞLU Ö. İ., SUPURAN C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.17, sa.8, ss.3207-3211, 2009 (SCI-Expanded)
- LI. **Bromination of Tetrachlorobenzobarrelene: Polyhalogenated Benzobicyclics**
SENGUEL M. E., GÜLTEKİN D., Essiz S., DAŞTAN A.
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- LII. **Structural Analysis of endo- and exo-Benzocyclobutenonorbornene-Dibromides by Using H-1, C-13 NMR and X-Ray Diffraction Techniques.**
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- LIII. **Bromination of norbornene derivatives: synthesis of brominated norbornanes and norbornenes**
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TETRAHEDRON, cilt.64, sa.19, ss.4377-4383, 2008 (SCI-Expanded)
- LIV. **The effect of the double bond pyramidalization on the mode of the bromination reaction: Bromination of benzobicyclononadiene**
BALCI M., GUNAY M., Dastan A., AZIZOGLU A.
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- LV. **Oxidation of some alkoxy-cycloheptatriene derivatives: unusual formation of furan and furanoids from cycloheptatrienes**

- COSKUN A., GUNEY M., Dastan A., BALCI M.
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- LVI. **Synthesis of dimeric phenol derivatives and determination of in vitro antioxidant and radical scavenging activities**
Gulcin I., Dastan A.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.22, sa.6, ss.685-695, 2007 (SCI-Expanded)
- LVII. **(1RS, 2RS, 3SR, 4SR, 9RS)-1,2,3,9-tetrabromo-1,2,3,4-tetrahydro-1,4-methanonaphthalene**
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- LVIII. **High temperature bromination of benzobicyclo[2.2.2]octa-2,5-diene derivatives: alternative synthesis of di-, tri- and tetra-bromobenzobarrelenes**
Dastan A.
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- LIX. **Bromination of isomeric 7,8-dibromobenzobicyclo[2.2.2]octa-2,5-dienes: neighbouring group effect on bromination**
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- LX. **High temperature bromination. Part 18: Bromination of benzonorbornadiene derivatives: Polybrominated benzonorbornenes and benzonorbornadienes**
Dastan A., BALCI M.
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- LXI. **Bromination of endo- and exo-benzocyclobutenonorbornene derivatives: neighbour group effect on bromination**
UZUNDUMLU E., Dastan A.
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- LXII. **Substituent effects of the cycloaddition reaction of 7-substituted 5H-benzocycloheptenes with singlet oxygen and the chemistry of the benzocycloheptene endoperoxides**
GUNEY M., Ceylan Z., Dastan A., BALCI M.
CANADIAN JOURNAL OF CHEMISTRY, cilt.83, sa.3, ss.227-235, 2005 (SCI-Expanded)
- LXIII. **(+/-)-(1SR,8RS,10RS)-9,9,10-tribromotricyclo[6.2.1.0(2,7)]undeca-2,4,6-triene**
ERSANLI C., CORUH U., HOKELEK T., VAZQUEZ-LOPEZ E., Dastan A.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.61, 2005 (SCI-Expanded)
- LXIV. **Chemistry of the benzotropone endoperoxides and their conversion into tropolone derivatives: Unusual endoperoxide rearrangements**
GUNEY M., Dastan A., BALCI M.
HELVETICA CHIMICA ACTA, cilt.88, sa.4, ss.830-838, 2005 (SCI-Expanded)
- LXV. **(1RS,8SR,9RS,10RS,11RS,12RS)-10,11-Dibromotetracyclo[6.4.2.0(2,7).0(9,12)]tetradeca-2,4,6,13-tetraene**
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- LXVI. **Cyclotrimerization of 'Oxabenzenonbornadiene': Synthesis of syn- and anti-5,6,11,12,17,18-hexahydro-5,18:6,11 : 12,17-triepoxytrinaphthylene**
DE LUCCHI O., Dastan A., ALTUNDAS A., FABRIS F., BALCI M.
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- LXVII. **Bromination of tricyclo[7.2.1.0(2,7)]dodeca-2,4,6,10-tetraene derivatives: Electronic and neighboring group effects on bromination**
Dastan A.
TURKISH JOURNAL OF CHEMISTRY, cilt.28, sa.6, ss.715-724, 2004 (SCI-Expanded)
- LXVIII. **An investigation on the synthesis of new molecular architectures from the cyclotrimerisation of exo- and endo-benzotricyclo[4.2.1.0(2,5)]nonene**
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- EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, sa.1, ss.183-192, 2004 (SCI-Expanded)
- LXIX. **Bromination of tricyclo[7.2.1.0(2,7)]dodeca-2,4,6,10-tetraene derivatives: Highly brominated benzobicyclic systems**
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- LXX. **Cyclotrimerization of benzobarrelene: Synthesis of new isomeric barrelene architectures**
Dastan A., FABRIS F., DE LUCCHI O., GUNAY M., BALCI M.
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- LXXI. **The di-pi-methane photorearrangement of 2,3-disubstituted benzobarrelenes and benzonorbornadiene - Substituent effects in regioselectivity**
ALTUNDAS R., Dastan A., UNALDI N., GUVEN K., UZUN O., BALCI M.
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- LXXII. **Bromination of 'endo-benzocyclobutanorbornene': Synthesis of 'endo-11,12-dibromobenzocyclobutanorbornene': High-temperature bromination - Part XIV**
Dastan A., UZUNDUMLU E., BALCI M.
HELVETICA CHIMICA ACTA, cilt.85, sa.9, ss.2729-2739, 2002 (SCI-Expanded)
- LXXIII. **A new synthesis of bromobenzotropones: Oxidation of 8-bromo-5H-benzo[a]cycloheptene**
DASTAN A., YILDIZ Y., KAZAZ C., BALCI M.
TURKISH JOURNAL OF CHEMISTRY, cilt.26, sa.2, ss.143-151, 2002 (SCI-Expanded)
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