

Prof. Dr. HAKAN DAL

Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: A-1160-2018

Yoksis Araştırmacı ID: 58592

Eğitim Bilgileri

Doktora, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Türkiye 1997 - 2002

Yüksek Lisans, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), Türkiye 1994 - 1997

Lisans, Ankara Üniversitesi, Fen Fakültesi, Kimya Bölümü, Türkiye 1989 - 1993

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Spiro-, ansa-, ve spiroansa fosfazen türevlerinin sentezi ve yapılarının incelenmesi, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 2002

Yüksek Lisans, N-Diklorofosforil-P-trikloromonofosfazen alkoliz ve aminoliz reaksiyonlarından oluşan ürünlerin yapılarının incelenmesi, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), 1997

Akademik Unvanlar / Görevler

Prof. Dr., Anadolu Üniversitesi, AÇIKÖĞRETİM FAKÜLTESİ, Tıbbi Hizmetler Ve Teknikler Bölümü, 2019 - Devam Ediyor

Prof. Dr., Diğer (Kurumlar,hastaneler Vb.), Kurumlar, Yükseköğretim Kurulu Başkanlığı, 2015 - Devam Ediyor

Prof. Dr., Eskişehir Teknik Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2018 - 2019

Prof. Dr., Anadolu Üniversitesi, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2015 - 2018

Doç. Dr., Anadolu Üniversitesi, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2008 - 2015

Yrd. Doç. Dr., Anadolu Üniversitesi, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2002 - 2008

Araştırma Görevlisi, Ankara Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1995 - 2002

Verdiği Dersler

KİM338 X İşinları Analiz Teknikleri, Lisans, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

THU203 Topluma Hizmet Uygulamaları, Lisans, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

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KİM121 Genel Kimya Laboratuvarı I, Lisans, 2010 - 2011

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KİM434 Koordinasyon Kimyası , Lisans, 2008 - 2009

KİM410 Kimya Uygulamaları I, Lisans, 2008 - 2009

KİM411 Kimya Uygulamaları II, Lisans, 2008 - 2009

KİM319 Anorganik Kimya I , Lisans, 2008 - 2009

Yönetilen Tezler

HAKAN D., Bazı diamin ve dihidroksi türevli, ağ yapılı polifosfazen mikrokürelerin sentezi ve yapısal özelliklerinin incelenmesi, Yüksek Lisans, M.TEMEL(Öğrenci), 2015

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Ni(II) complexes with 1,3,2,4-dithiadiphosphetane 2,4-disulfide-based ligands: Structural insights, theoretical studies, and anticancer activities**
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- II. **New Heterobimetallic Ferrocenyl Dithiophosphonato Cd(II) and Hg(II) Complexes: DNA Interactions, Antimicrobial and Anticancer Activity Studies of the Cd(II) Complexes**
SAĞLAM E. G., AKKOÇ S., ACAR N., DAL H., Tutsak O., AÇIK L., Celik S. P.
CHEMISTRYSELECT, cilt.6, sa.44, ss.12496-12505, 2021 (SCI-Expanded)
- III. **New heterobimetallic nickel(II) ferrocenyldithiophosphonato complexes: Syntheses, characterization, antiproliferative activity and X-ray, DFT, molecular docking studies on trans-bis-[0-3-methyl-1-butyl-(ferrocenyl) dithiophosphonato]nickel(II)**
SAĞLAM E. G., AKKOÇ S., Zeyrek C. T., DAL H., Tutsak O.
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- IV. **New energetic Silver(I) complexes with Nnn type Pyrazolylpyridine ligands and oxidizing anions**
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- V. **Syntheses and structural characterization of new trans-bis-[n-butyl-(p-methoxyphenyl) dithiophosphinato] nickel(II), the pyridine derivative thereof, and bis-{bis-[n-butyl-(p-methoxyphenyl) dithiophosphinato]cobalt(II)} complexes**
SAĞLAM E. G., DAL H., Mougang-Soume B., HÖKELEK T.
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- VI. **Efficient syntheses and antimicrobial activities of new thiophene containing pyranone and quinolinone derivatives using manganese(iii) acetate: the effect of thiophene on ring closure-opening reactions**
YAKUT M., YILMAZ M., Nishino H., ÇİNAR AVAR E., DAL H., Pekel A. T., HÖKELEK T.
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- VII. **Syntheses of and structural studies on some square planar dithiophosphonato Ni(II) complexes, octahedral pyridine derivatives thereof and X-ray crystallography, DFT and molecular docking studies of the latter**

- SAĞLAM E. G., Bulat E., Zeyrek C. T., DAL H., HÖKELEK T.
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- VIII. **Synthesis, Quantum Chemical Calculations and Molecular Docking Studies, Biological and Anion Sensor Properties of (E)-4-[(4-ethoxy-phenylimino)methyl]-2-methoxyphenol**
Zeyrek C. T., ÜNVER H., BOYACIOĞLU B., DEMİR N., Yapar G., DAL H., Yıldız M.
CROATICA CHEMICA ACTA, cilt.91, sa.3, ss.341-355, 2018 (SCI-Expanded)
- IX. **Synthesis, characterization, and investigations of antimicrobial activity of benzopyrans, benzofurans and spiro[4.5]decanes**
Akpinar D. E., YAKUT M., Aslan H., ALAGÖZ O., Oktemer A., DAL H., Hokelek T., LOĞOĞLU E.
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- X. **Synthesis, characterization and computational investigation of novel metallocporphyrazines containing 15-membered O₂S₂-donor macrocyclic moieties**
Baygu Y., YILDIZ B., Karac İ., DAL H., GÖK Y.
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- XI. **Synthesis of ferrocene substituted dihydrofuran derivatives via manganese(III) acetate mediated radical addition-cyclization reactions**
Aslan H., Oktemer A., DAL H., Hokelek T.
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- XII. **Syntheses, characterization of and studies on the electrochemical behaviour of ferrocenyl dithiophosphonates and 4-methoxyphenyl dithiophosphonates**
SAĞLAM E. G., Erden S., Tutsak O., ESKİKÖY BAYRAKTEPE D., Durmus Z. Y., DAL H., Ebinc A.
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- XIII. **The synthesis, characterization and computational investigation of new metallocporphyrazine containing 15-membered S-4 donor macrocyclic moieties**
Yıldız B., Baygu Y., KARA İ., DAL H., GÖK Y.
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- XIV. **Phosphorus nitrogen compounds: Part 34. Syntheses, structural investigations, cytotoxic and biological activities of spiro-ansa-spiro and spiro-bino-spiro tetrameric phosphazene derivatives**
Berberoglu I., ASMAFİLİZ N., Kilic Z., Hokelek T., Koc L. Y., AÇIK L., TÜRK M., Soltanzade H., DAL H.
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- XV. **Phosphorus-nitrogen compounds part 33: in vitro cytotoxic and antimicrobial activities, DNA interactions, syntheses, and structural investigations of new mono(4-nitrobenzyl)spirocyclotriphosphazenes**
OKUMUŞ A., AKBAŞ H., Kilic Z., Koc L. Y., AÇIK L., AYDIN B., TÜRK M., Hokelek T., DAL H.
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- XVI. **Syntheses and structural characterizations of a new benzyl(4-methoxyphenyl)dithiophosphinic acid and its Ni(II), Co(II), Zn(II), Cd(II), and Ni-pyridine complexes**
SAĞLAM E. G., ACAR N., Mougang-Soume B., DAL H., Hokelek T.
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- XVII. **Hydrothermal Synthesis and Crystal Structure of Novel Oxovanadium Coordination Polymer: [((VO)_{0-IV}(2)(OH)(2)(C₁₀H₆(COO)(2))]_n)**
ÇEVİK S., Alkaya Z. A., DAL H., SARI M.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, cilt.46, sa.9, ss.1426-1431, 2016 (SCI-Expanded)
- XVIII. **New NO donor ligands and complexes containing furfuryl or crown ether moiety: Syntheses, crystal structures and tautomerism in ortho-hydroxy substituted compounds as studied by UV-vis spectrophotometry**
Sahin D., Kocoglu S., Sener O., Senol C., DAL H., Hokelek T., HAYVALI Z.
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- XIX. **Synthesis, biological activity, DNA binding and anion sensors, molecular structure and quantum**

- chemical studies of a novel bidentate Schiff base derived from 3,5-bis(trifluoromethyl)aniline and salicylaldehyde**
YILDIZ M., Karpuz Ö., Zeyrek C. T., BOYACIOĞLU B., DAL H., DEMİR N., YILDIRIM N., ÜNVER H.
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- XX. Phosphorus-nitrogen compounds: Part 31. Syntheses, structural and stereogenic properties, in vitro cytotoxic and antimicrobial activities, and DNA interactions of bicyclotetraphosphazenes containing bulky side group**
Mutlu G., ELMAS G., Kılıç Z., Hökelek T., Koç L. Y., Türk M., AÇIK L., AYDIN B., DAL H.
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- XXI. Experimental and theoretical investigation of a novel mononuclear copper(II) azido compound with tridentate (NNO) Schiff base**
KARAHAN ÇAKMAKÇI A. G., Karabulut S., DAL H., Kurtaran R., Leszczynski J.
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- XXII. Structural characterization, electrochemical, photoluminescence and thermal properties of potassium ion-mediated coordination polymer**
Ceyhan G., Kose M., Tümer M., DAL H.
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- XXIII. Synthesis and characterization of complexes of a novel proton transfer salt and their inhibition studies on carbonic anhydrase isoenzymes**
Ilkimen H., Yenikaya C., SARI M., Bülbül M., Tunca E., DAL H., Baş M.
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- XXIV. A Tridentate In Situ Generated Ligand Leading the Self-Assembly of a Transition Metal Coordination Polymer: Solvothermal Synthesis and Structural Characterization of 1D Cadmium Pyridine-2-Carboxylate**
ÇEVİK S., Telli B., DAL H., SARI M.
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- XXV. Phosphorus-nitrogen compounds. Part 29. Syntheses, crystal structures, spectroscopic and stereogenic properties, electrochemical investigations, antituberculosis, antimicrobial and cytotoxic activities and DNA interactions of ansa-spiro-ansa cyclotetraphosphazenes**
ELMAS G., OKUMUŞ A., Koç L., Soltanzade H., Kılıç Z., Hökelek T., DAL H., AÇIK L., Üstündəą Z., DÜNDAR D., et al.
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- XXVI. An experimental and theoretical investigation on adsorption properties of some diphenolic Schiff bases as corrosion inhibitors at acidic solution/mild steel interface**
YURT ŞEN A., DURAN B., DAL H.
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- XXVII. Synthesis and characterization of a proton transfer salt between 2,6-pyridinedicarboxylic acid and 2-aminobenzothiazole, and its complexes and their inhibition studies on carbonic anhydrase isoenzymes**
İLKİMEN H., YENİKAYA C., SARI M., BÜLBÜL M., TUNCA E., DAL H.
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- XXVIII. Intramolecular Hydrogen Bonding and Tautomerism in Schiff Bases: Synthesis, Spectroscopic and Theoretical Studies of N-(2,2'-Methylenebis(4-methoxyphenyl))salicylidene and N-(2,2'-Methylenebis(4-methoxyphenyl))-2-oxonaphthalidene-methylamine**
Dal H.
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- XXIX. Two new pyridine-2,3-dicarboxylate coordination polymers prepared from zerovalent metal precursor: Syntheses, luminescent and magnetic properties**
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- XXX. The Tetra[N-phenylanthranilate](0,0')bis[(2-amino-4-methyl)pyridine Copper(II)] Complex Crystal**

- TAŞ M., Titiz A., Karabag E., Kaya M., Ataseven M., DAL H.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, cilt.43, sa.9, ss.1212-1223, 2013 (SCI-Expanded)
- XXXI. Construction of homo- and heterometallic-pyridine-2,3-dicarboxylate metallosupramolecular networks with structural diversity: 1D T5(2) water tape and unexpected coordination mode of pyridine-2,3-dicarboxylate**
Semerci F., YEŞİLEL O. Z., Keskin S., DARCAN C., TAŞ M., DAL H.
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- XXXII. Synthesis and characterization of Tetrakis-mu-[N-phenylanthranilato] (0,0')-bis[(4-vinylpyridine copper(II)] complex**
TAŞ M., Karabag E., Titiz A., Kaya M., Ataseven M., DAL H.
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-CRYSTALLINE MATERIALS, cilt.228, sa.2, ss.92-99, 2013 (SCI-Expanded)
- XXXIII. Phosphorus-Nitrogen Compounds. Part 24. Syntheses, Crystal Structures, Spectroscopic and Stereogenic Properties, Biological Activities, and DNA Interactions of Novel Spiro-ansa-spiro- and Ansa-spiro-ansa-cyclotetraphosphazenes**
ELMAS G., OKUMUŞ A., Kilic Z., Hokelek T., AÇIK L., DAL H., Ramazanoglu N., Koc L. Y.
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- XXXIV. One-dimensional cyano-bridged heterometallic (Cu/Ni and Cu/Pd) complexes with 1-ethylimidazole**
Cetinkaya F., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., Hokelek T., DAL H.
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- XXXV. Phosphorus-nitrogen compounds. Part 23: Syntheses, structural investigations, biological activities, and DNA interactions of new N/O spirocyclotriphosphazenes**
ASMAFİLİZ N., Kilic Z., HAYVALI Z., AÇIK L., Hokelek T., DAL H., Oner Y.
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- XXXVI. Syntheses, spectroscopic and structural characterizations and metal ion binding properties of Schiff bases derived from 4'-aminobenzo-15-crown-5**
Guler H., HAYVALI Z., DAL H., Hokelek T.
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- XXXVII. SYNTHESIS AND SPECTROSCOPIC CHARACTERIZATIONS OF NOVEL Ni(II) AND Co(II) DITHIOPHOSPHINATE COMPLEXES, AND X-RAY STUDIES ON THE Ni(II) COMPLEX**
SAĞLAM E. G., Yilmaz H., DAL H., Hokelek T.
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- XXXVIII. The two Bis(4-aminosalicylato-O) bis(N,N-dimethylethylenediamine)Ni(II) complexes**
TAŞ M., Camur S., Kilic Y., DAL H.
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- XXXIX. Synthesis and crystal structure of cyano-bridged three dimensional polyheteronuclear complex**
Karaagac D., KÜRKÇÜOĞLU G. S., YEŞİLEL O. Z., Hokelek T., DAL H.
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-CRYSTALLINE MATERIALS, cilt.227, sa.9, ss.639-645, 2012 (SCI-Expanded)
- XL. Phosphorus-nitrogen compounds part 22. Syntheses, structural investigations, biological activities and DNA interactions of new mono and bis (4-fluorobenzyl) spirocyclophosphazenes**
OKUMUŞ A., Kilic Z., Hokelek T., DAL H., AÇIK L., Oner Y., Koc L. Y.
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- XLI. Two novel 2D and 3D coordination polymers constructed from pyrazine-2,3-dicarboxylic acid and chloride bridged secondary building units**
Gunay G., YEŞİLEL O. Z., SOYLU M. S., Keskin S., DAL H.
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- XLII. Cyano-Bridged Heteropolynuclear Ni(II), Cu(II) and Cd(II) Complexes, [M(deten)(2)Ni(mu-CN)(2)**

(CN)(2)] (n)

KÜRKÇÜOĞLU G. S., Hokelek T., Aksel M., YEŞİLEL O. Z., DAL H.

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- XLIII. **Synthesis, characterization, tautomerism and theoretical study of some new Schiff base derivatives**
Turkoglu G., Berber H., DAL H., Ogretir C.

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- XLIV. **2-Methyl-5-nitro-1H-benzimidazol-6-amine dihydrate**
Dincer S., DAL H., Hokelek T.

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- XLV. **Syntheses, characterizations and structures of NO donor Schiff base ligands and nickel(II) and copper(II) complexes**
Senol C., HAYVALI Z., DAL H., Hokelek T.

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- XLVI. **Spectroscopic Determination of the Acid Dissociation Constants of Some 2-Hydroxy Schiff Base Derivatives**
Taktak F. F., Berber H., DAL H., Ogretir C.

JOURNAL OF CHEMICAL AND ENGINEERING DATA, cilt.56, sa.5, ss.2084-2089, 2011 (SCI-Expanded)

- XLVII. **The synthesis, molecular structure, FT-IR and XRD spectroscopic investigation of 4-[{(2-furylmethyl)imino]methyl}-4-methoxyphenoxy)methyl]benzonitrile: A comparative DFT study**
ALVER Ö., HAYVALI Z., Guler H., DAL H., ŞENYEL M.
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- XLVIII. **Phosphorus-nitrogen compounds: Part 19. Syntheses, structural and electrochemical investigations, biological activities, and DNA interactions of new spirocyclic monoferroacenylcyclotriphosphazenes**
Ilter E. E., ASMAFİLİZ N., Kılıç Z., AÇIK L., Yavuz M., BALİ E. B., Solak A. O., Buyukkaya F., DAL H., Hokelek T.
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- XLIX. **catena-Poly[[bis(4-methylbenzoato- κ 2 O:O')lead(II)]- μ -nicotinamide- κ 2 N 1:0]**
Hokelek T., DAL H., Tercan B., ÇİMEN E., Necefolu H.

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- L. **Syntheses, spectroscopic and crystallographic characterizations of 4-nitrobenzyloxy derivatives and benzofurans from ortho-substituted benzaldehydes and 4-nitrobenzyl bromide**
HAYVALI Z., DAL H., Koksal P., Sahin D., Hokelek T.
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- LI. **Diaquabis(4-methoxybenzoato- κ 0 1)bis(nicotinamide- κ N 1)cobalt(II) dihydrate**
Hokelek T., DAL H., Tercan B., Tenlik E., NECEFOĞLU H.

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- LII. **Diaquabis(4-methoxybenzoato- κ 0)bis(nicotinamide- κ N 1)nickel(II) dihydrate**
Hokelek T., DAL H., Tercan B., Tenlik E., NECEFOĞLU H.

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- LIII. **catena-Poly[[{(4-methylbenzoato- κ 0)manganese(II)}- μ -aqua-bis(μ -4-methylbenzoato- κ 0-2:O')[{(4-methylbenzoato- κ 0)manganese(II)}- μ -N,N-diethylnicotinamide)- κ N-2(3):O;O:N-3]**
Hokelek T., DAL H., Tercan B., ÇİMEN E., NECEFOĞLU H.

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- LIV. **Diaquabis(4-methylbenzoato- κ 0)bis(nicotinamide- κ N-1)manganese(II)**
NECEFOĞLU H., ÇİMEN E., Tercan B., DAL H., Hokelek T.

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- LV. **Tetrakis(μ -4-methylbenzoato- κ 0-2:O')bis[(N,N-diethylnicotinamide- κ N-1)zinc(II)]**
NECEFOĞLU H., ÇİMEN E., Tercan B., DAL H., Hokelek T.

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- LVI. **N-ferrocenoyl benzotriazole: A convenient tool for the synthesis of ferrocenoyl esters**
HÜR D., EKTİ S. F., DAL H.
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