

ÖZGEÇMİŞ

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Güncelleme tarihi : 09 Ekim 2017



Öğrenim Durumu:

Derece	Bölüm	Üniversite	Yıl
Lisans	Fizik	Ankara Üniversitesi	1989
Y. Lisans	Fizik	Ankara Üniversitesi	1994
Doktora	Fizik	Ankara Üniversitesi	2000
Doçentlik	Fizik	Ankara Üniversitesi	2006

Yüksek Lisans Tezi Başlığı: Bazı organik sıvı ve katılarda spin örgü durulma mekanizmasının puls NMR yöntemi ile incelenmesi

Tez Danışmanı: Prof. Dr. D. Mehmet ZENGİN

Doktora Tezi Başlığı: 2-Hidroksi-1-naftaldehit ile 4-halosüstitüe anilinden elde edilen Schiff bazı ligandlarının kristal ve moleküler yapılarının incelenmesi

Tez Danışmanı: Prof. Dr. D. Mehmet ZENGİN

Görevler:

Görev Unvanı	Görev Yeri	Yıl
Arş. Gör	Ankara Üniversitesi, Fen Fakültesi, Fizik Bölümü	1990–2000
Arş. Gör. Dr.	Ankara Üniversitesi, Fen Fakültesi, Fizik Bölümü	2000–2003
Yar. Doç. Dr.	Ankara Üniversitesi, Fen Fakültesi, Fizik Bölümü	2003–2006
Doç. Dr.	Ankara Üniversitesi, Fen Fakültesi, Fizik Bölümü	2006–2011
Prof. Dr. -	Ankara Üniversitesi, Fen Fakültesi, Fizik Bölümü	2011 -

İdari Görevler:

- | | |
|---|----------------------------|
| 1. Biyoteknoloji Enstitüsü, İhale Komisyon Üyesi, | 01.01.2005 – 31.12.2005 |
| 2. Bilimsel Araştırmalar Projeler Birimi, İhale Komisyon Üyesi, | 01.01.2006 – 31.12.2006 |
| 3. Bilimsel Araştırmalar Projeler Birimi, İhale Komisyon Üyesi, | 01.01.2008 – 31.12.2008 |
| 4. Bilimsel Araştırmalar Projeler Birimi, İhale Komisyon Üyesi, | 01.01.2009 – 31.12.2009 |
| 5. Bilimsel Araştırmalar Projeler Birimi, İhale Komisyon Üyesi, | 01.01.2010 – 31.12.2010 |
| 6. İdari ve Mali İşler Daire Başkanlığı, İhale Komisyon Üyesi, | 01.01.2011 – 31.12.2011 |
| 7. İdari ve Mali İşler Daire Başkanlığı, İhale Komisyon Üyesi, | 01.01.2012 – 31.12.2012 |
| 8. Proje Değerlendirme Grubu Fen Bilimleri Komisyonu Üyesi, | 01.10.2012 – 19.09.2013 |
| 9. Fen Fakültesi Fakülte Kurul Üyeliği, | 28.04.2012 - 28.04.2015 |
| 10. Nallıhan Meslek Yüksekokulu Müdürlüğü | 24.07.2013 - 16.03.2015 |
| 11. Elmadağ Meslek Yüksekokulu Müdürlüğü | 16.03.2015 - Devam ediyor. |

Bilimsel Kuruluşlara Üyelikler:

1. Türk Kristalografi Derneği
2. Türk Fizik Derneği
3. Fen Bilimlerini Geliştirme Derneği
4. Ankara Üniversitesi Mezunlar Derneği

İlgi alanları:

Molekül Fiziği, Kristalografi, Spektroskopi

Verdiği Dersler:

Kristal Fiziği, Spektral Analiz Yöntemleri, Mekanik, Elektrik, Kuantum Fiziği, Mekanik Lab., Elektrik Lab., Optik Lab. Kuantum Fiziği Lab.

Burslar:

1. Ağustos 2005- Ocak 2006, Norveç Hükümet Bursu (6 ay), Oslo University, Norveç.
2. Haziran-Eylül 2012, Yök Bursu (3 ay), Emory University, USA.

Projelerde Yaptığı Görevler

1. Verici ve alıcı grupları içeren aromatik organik maddelerin yapısal ve çizgisel olmayan optik özelliklerinin araştırılması, Ankara Üniversitesi Araştırma Fonu Projesi, 2003 00 00 041, Proje Yürütücüsü, 2003–2005.
2. Çizgisel olmayan optik malzemeler geliştirilmesi ve teknolojik uygulamaları, TÜBİTAK, 105T132, Yardımcı Araştırmacı, 2006–2008.
3. Femtosaniye lazer sistemi ile malzemelerin çizgisel olmayan optik özelliklerinin araştırılması, Ankara Üniversitesi Araştırma Fonu Projesi, 2006 00 00 047, Yardımcı Araştırmacı, 2006–2008.
4. Ultrafast spektroskopi tekniklerinden Pump Probe spektroskopisinin kurulması, DPT, 2003K12019023–6, Yardımcı Araştırmacı, 2006–2008.
5. Fitalosiyanın polimer matristeki ince filmlerinin optik sınırlayıcı özelliklerinin incelenmesi, TÜBİTAK, 105T132, Yardımcı Araştırmacı, 2008–2010.
6. Porfirinlerin çizgisel olmayan optik özelliklerinin nano-saniye ve piko-saniye atımlarla incelenmesi, Ankara Üniversitesi Araştırma Fonu Projesi, 2006 00 00 047, Yardımcı Araştırmacı, 2008–2010.
7. Azo-bor-dibromometan içeren bileşiklerin iki foton soğurma (TPA) özelliklerinin incelenmesi, TÜBİTAK, 110T630, Yardımcı Araştırmacı, 2011-2013.
8. Fitalosiyanın Çizgisel Olmayan Optik Özelliklerinin ve Mekanizmalarının İncelenmesi, Ankara Üniversitesi Araştırma Fonu Projesi, 2006 00 00 047, Yardımcı Araştırmacı, 2009-2011
9. Moleküler sistemlerin Fiziksel ve Kimyasal Özelliklerinin hesaplanabilmesi için yüksek performanslı hesaplama sisteminin kurulması, Ankara Üniversitesi Araştırma Fonu Projesi, 14 H 0430005, Proje Yürütücüsü, 2014–2015.
10. Alıcı verici grubu içeren moleküler sistemlerin kuantum mekaniksel özelliklerinin hesaplanabilmesi için Yüksek Performanslı Hesaplama Sistemlerinin (YPHS) geliştirilmesi, Ankara Üniversitesi Araştırma Fonu Projesi, 15 H 0430005, Yardımcı Araştırmacı, 2015–2016.
11. The upgrade of High-Performance Computing System to investigate the Synthesis and Characterization of Amine showing Molecular Docking, Molecular and Electronic Structures with Spectroscopic and Nonlinear Optical Properties by the Experimental and Theoretical Methods” Ankara University, Scientific Research Projects, 16H0504001, Coordinator, 2016-2017.
12. Sensör Özelliği Gösteren, Yapılarında Flor Atomu Bulunan Ligandların ve Bunların Metal Komplekslerinin Sentezi, Moleküler Yapıları, Spektroskopik ve Doğrusal Olmayan Optik Özellikleri ile Elektronik Yapılarının, Deneysel ve Kuantum Mekaniksel Yöntemlerle İncelenmesi, TÜBİTAK, 115F253, Proje Yürütücüsü, 2015-2017.

ESERLER LİSTESİ

Uluslararası hakemli dergilerde yayımlanan makaleler:

1. **Hüseyin Ünver**, D. Mehmet Zengin, Kutalmış Güven, Intramolecular hydrogen bonding and tautomerism in 1-[N-(4-bromophenyl)]aminomethylidene-2(1H)naphthalenone, *Journal of Chemical Crystallography*, 30 (2000) 359-364.
2. **Hüseyin Ünver**, D. Mehmet Zengin, Tahsin Nuri Durlu, Crystal structure of 1-[N-(4-fluorophenyl)]-2-hydroxy-1-naphtalidene. *Analytical Sciences*, 17 (2001) 1021-1022.
3. **Hüseyin Ünver**, Mehmet Kabak, D. Mehmet Zengin, Tahsin Nuri Durlu, Crystal structure and tautomerism of 1-[N-(4-iodophenyl)]aminomethylidene-2(1H)naphthalenone. *Zeitschrift für Naturforschung*, 56b (2001) 1003-1008.
4. **Hüseyin Ünver**, Mehmet Kabak, D. Mehmet Zengin, Tahsin Nuri Durlu, Keto-enol tautomerism, conformations and structure of 1-[N-(4-chlorophenyl)]aminomethylidene-2(1H)naphthalenone, *Journal of Chemical Crystallography*, 31 (2001) 203-209.
5. **Hüseyin Ünver**, Mustafa Yıldız, D. Mehmet Zengin, Süheyla Özbey, Engin Kendi, Intramolecular hydrogen bonding and tautomerism in N-(3-pyridil)-2-oxo-1-naphthylidenemethylamine, *Journal of Chemical Crystallography*, 31 (2001) 211-216.
6. **Hüseyin Ünver**, Synthesis and spectroscopic studies in some new Schiff bases, *Spectroscopy Letters*, 34 (2001) 783-791.
7. **Hüseyin Ünver**, Tahsin Nuri Durlu, Synthesis and crystal structure of bis[2-[N-(2-chlorophenyl)formimidayl]-1-naphtholato]-(6Cl)copper(II), *Journal of Chemical Crystallography*, 31 (2001) 479-483.
8. **Hüseyin Ünver**, Özlem Temiz Arpacı, D. Mehmet Zengin, Tahsin Nuri Durlu, Crystal structure, spectroscopic studies and conformational analyses of 5-chloro-6-nitro-2-cyclohexylmethylbenzoxazole, *Journal of Molecular Structure*, 609 (2002) 205-212.
9. **Hüseyin Ünver**, Conformation analyses of N-(3-pyridil)-2-oxo-1-naphthylidenemethylamine, *Journal of The Indian Chemical Society*, 79 (2002) 590-592.
10. **Hüseyin Ünver**, Engin Kendi, Kutalmış Güven,, Tahsin Nuri Durlu, Synthesis, crystal structure, spectroscopic studies and conformation analysis of N-(2-fluoro-3-methoxy)-salicylaldimine, *Zeitschrift für Naturforschung*, 57b (2002) 685-690.
11. **Hüseyin Ünver**, Crystal structure and spectroscopic studies of bis [N-(2-iodo)-naphthaldiminato]copper(II), *Journal of Molecular Structure*, 641 (2002) 35-40.
12. **Hüseyin Ünver**, D. Mehmet Zengin, Tahsin Nuri Durlu, Synthesis and crystal structure bis[N-(2-fluoro-3-methoxy)-salicylideneaminato]copper(II), *Journal of Chemical Crystallography*, 33 (2003) 253-256.

13. **Hüseyin Ünver**, Tahsin Nuri Durlu, Crystal structure and conformational analysis of 1-[N-(3-bromophenyl)]naphthaldimine, *Journal of Molecular Structure*, 655 (2003) 369-374.
14. **Hüseyin Ünver**, Kamran Polat, Mustafa Uçar, D. Mehmet Zengin, Synthesis and keto-enol tautomerism in N-(2-hydroxy-1-naphthalidene)anils, *Spectroscopy Letters*, 36 (2003) 287-301.
15. **Hüseyin Ünver**, Aslı Karakaş, Ayhan Elmalı, Nonlinear optical properties, spectroscopic studies and structure of 2-hydroxy-3-methoxy-N-(2-chloro-benzyl)-benzaldehyde-imine, *Journal of Molecular Structure*, 702, (2004) 49-54.
16. Aslı Karakaş, Ayhan Elmalı, **Hüseyin Ünver**, I. Svoboda, Nonlinear optical properties of some derivatives of salicylaldimine-based ligands, *Journal of Molecular Structure*, 702 (2004) 103-110.
17. Kamran Polat, Mustafa Uçar, M. Levent Aksu, **Hüseyin Ünver**, Electrochemical behaviour of 1-[[3-halophenyl]imino]methyl-2-naphthol Schiff bases on graphite electrodes, *Canadian Journal of Chemistry*, 82 (2004) 1150-1156.
18. Mustafa Uçar, Kamran Polat, M. Levent Aksu, **Hüseyin Ünver**, Investigation of 1-[[4-Halophenyl]imino]methyl-2-naphthols in Aprotic Media by Electrochemical and Spectroscopic Methods, *Analytical Science*, 20 (2004) 1179-1183.
19. Aslı Karakaş, **Hüseyin Ünver**, Ayhan Elmalı, Schiff Bases with various donor-acceptor substituents and reGülating group as non-linear optical materials: ab initio quantum mechanical calculations, *Journal of Molecular Structure (THEOCHEM.)*, 712 (2004) 117-122.
20. Ayhan Elmalı, Aslı Karakaş, **Hüseyin Ünver**, Nonlinear optical properties of bis[(p-bromophenyl-salicylaldiminato)chloro]iron(III) and its ligand N-(4-bromo)-salicylaldimine, *Chemical Physics*, 309 (2005) 251-257.
21. **Hüseyin Ünver**, Aslı Karakaş, Ayhan Elmalı, Tahsin Nuri Durlu, The investigation of nonlinear optical properties of N-(3-fluorophenyl)naphthaldimine, *Journal of Molecular Structure*, 737 (2005) 131-137.
22. **Hüseyin Ünver**, Mustafa Yıldız, Başaran Dülger, Özen Özgen, Engin Kendi, Tahsin Nuri Durlu, Spectroscopic studies, antimicrobial activities and crystal structures of N-(2-hydroxy-3-methoxybenzalidene)1-aminonaphthalene *Journal of Molecular Structure*, 737 (2005) 159-164
23. Mustafa Yıldız, **Hüseyin Ünver**, Başaran Dülger, Diğdem Erdener, Nazan Ocak, Ahmet Erdönmez & Tahsin Nuri Durlu, Spectroscopic study, antimicrobial activity and crystal structures, of N-(2-hydroxy-5-nitrobenzalidene)4-aminomorpholine and N-(2-hydroxy-1-naphthylidene)4-aminomorpholine, *Journal of Molecular Structure*, 738 (2005) 253-260.

24. Aslı Karakaş, Ayhan Elmalı, **Hüseyin Ünver**, Ingrid Svoboda, Nonlinear optical properties, synthesis, structures and spectroscopic studies of *N*-(4-nitrobenzylidene)-*o*-fluoroamine and *N*-(3-nitrobenzylidene)-*p*-fluoroamine, *Spectro Chimica Acta Part A*, 61 (2005) 2979-2987.
25. Aslı Karakaş, **Hüseyin Ünver**, Ayhan Elmalı, Ingrid Svoboda, Study on the second order optical properties of *N*-(2,4-dichloro)-salicylaldimine, *Zeitschrift für Naturforschung*, 60a (2005) 376-382.
26. Mustafa Yıldız, Diğdem Erdener, **Hüseyin Ünver**, Nazan Ocak İskeleli, Synthesis and characterization of phenoxyphosphazenes. Structure of 2,2-[2,2'-methethylenebis(4-chlorophenoxy)]-4,4,6,6-tetrachlorocyclo-2λ5, 4λ5, 6λ5-triphosphazatriene (spiro), *Journal of Molecular Structure*, 753 (2005) 165-172.
27. **Hüseyin Ünver**, Mustafa Yıldız, Aşkın Kiraz, Nazan Ocak İskeleli, Ahmet Erdönmez, Başaran Dülger, Tahsin Nuri Durlu, Spectroscopic studies, antimicrobial activities and crystal structure of *N*-[2-hydroxy-1-naphthylidene]3,5-bis(trifluoromethyl)aniline, *Journal of Chemical Crystallography*, 36 (2006) 229-237.
28. Mustafa Yıldız, **Hüseyin Ünver**, Diğdem Erdener, Nazan Ocak, Ahmet Erdönmez & Tahsin Nuri Durlu, Tautomeric properties and crystal structure of *N*-[2-hydroxy-1-naphthylidene]2,5-dichloroaniline, *Crystal Research and Technology*, 41 (2006) 600-606.
29. **Hüseyin Ünver**, Aslı Karakaş, Naki Çolak, Bekir Çakır, Hüseyin Yüksel, D. Mehmet Zengin, Spectroscopic properties of 4-halo-2-(4-chlorophenyliminomethyl)phenol and 4-halo-2-(4-bromophenyliminomethyl)phenol, *Asian Journal of Chemistry*, 18 (2006) 1935-1942.
30. Aslı Karakaş, Ayhan Elmalı, **Hüseyin Ünver**, Hülya Kara, Yasemin Yahsi, Synthesis, Structure, Spectroscopic Studies and Ab-initio Calculations on First Hyperpolarizabilities of *N,N'*-Bis(2-Hydroxy-1-naphthylmethylidene)-1-methyl-1,2-diaminoethane-*N,N',O,O'*-copper(II), *Zeitschrift für Naturforschung*, 61b (2006) 968-974.
31. **Hüseyin Ünver**, Ayhan Elmalı, Aslı Karakaş, Hülya Kara, Emine Dönmez, Synthesis, spectroscopic studies and nonlinear optical behavior of *N,N'*-bis(2-hydroxy-1-naphthylmethylidene)-1-methyl-1,2-diaminoethane-*N,N',O,O'*-nickel(II), *Journal of Molecular Structure*, 800 (2006) 18-22.
32. Aslı Karakaş, **Hüseyin Ünver**, Ayhan Elmalı, Static and dynamic second hyperpolarizabilities of [FeL(MeOH)Cl]₂ (L=*N*-(5-methylphenyl)-3-methoxysalicylaldimine), *Journal of Molecular Structure (THEOCHEM.)* 774 (2006) 67-70.
33. H. Gül Yağlıoğlu, Aslı Karakaş, **Hüseyin Ünver**, Ayhan Elmalı, Third-order nonlinear optical properties of copper(II)bis{2-[(4-iodophenyl)iminomethyl]-6-methoxy-phenolate}, *Zeitschrift für Naturforschung*, 61b (2006) 1355–1360.

34. Emine Dönmez, Hülya Kara, Aslı Karakaş, **Hüseyin Ünver**, Ayhan Elmalı, Synthesis, molecular structure, spectroscopic studies and second-order nonlinear optical behavior of N,N'-(2-Hydroxy-propane-1,3-diyl)-bis(5-Nitrosalicylaldiminato-N,O)-copper(II), *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 66 (2007) 1141-1146.
35. Aslı Karakaş, **Hüseyin Ünver**, Ayhan Elmalı, The investigation of electronic properties and microscopic second-order nonlinear optical behavior of 1-salicylidene-3-thio-semicarbozone, *Journal of Nonlinear Optical Physics, Materials* 16 (2007) 91-99.
36. Aslı Karakaş, Ayhan Elmalı, **Hüseyin Ünver**, Linear optical transmission measurements and computational study of linear polarizabilities, first hyperpolarizabilities of a dinuclear iron(III) complex, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 68 (2007) 567-572.
37. Aslı Karakaş, **Hüseyin Ünver**, Ayhan Elmalı, Third-order Nonlinear Optical Properties and Crystal Structures of N-(2-Nitrobenzalidene)-2,4-dimethylaniline and N-(3-Nitrobenzalidene)-2,4-dimethylaniline, *Zeitschrift für Naturforschung*, 62b (2007) 1437-1442.
38. H. Gül Yağlıoğlu, Metin Arslan, Şaziye Abdurrahmanoğlu, **Hüseyin Ünver**, Ayhan Elmalı, Özer Bekaroğlu, The nonlinear refraction and nonlinear absorption in 4-(4,6-diaminopyrimidin-2-ylthio) substituted double-decker Lu(III) phthalocyanine, *Journal of Physics and Chemistry of Solids*, 69 (2008) 161-167.
39. **Hüseyin Ünver**, Mustafa Yıldız, Nazan Ocak, Tahsin Nuri Durlu, Spectroscopic studies and crystal structure of N-[2,3-dihydroxybenzalidene]4-(2-aminoethyl)morpholine, *Journal of Chemical Crystallography*, 38 (2008) 103-108.
40. Aslı Karakaş, **Hüseyin Ünver**, Ayhan Elmalı, Synthesis, structure, linear and third-order nonlinear optical behavior of N-(3-hydroxybenzalidene)4-bromoaniline, *Journal of Molecular Structure*, 877 (2008) 152-157.
41. Ayla Balaban, Naki Çolak, **Hüseyin Ünver**, Birgül Erk, Tahsin Nuri Durlu, D. Mehmet Zengin, Synthesis, Spectroscopic Studies and Crystal Structure of N,N'-bis((thiophene-2-carboxamido)propyl)piperazine, *Journal of Chemical Crystallography*, 38 (2008) 369-372.
42. Tanju Ceyhan, Gül Yağlıoğlu, **Hüseyin Ünver**, Bekir Salih, Mehmet K. Erbil, Ayhan Elmalı, Özer Bekaroğlu, Synthesis, Characterization and Optical Limiting Properties of Novel Ball-type Four tert-Butylcalix[4]arene Bridged Double-decker Lutetium(III) and Indium(III) Phthalocyanines, *Macroheterocycles* 1 (2008) 44-49.

43. **Hüseyin Ünver**, Aslı Karakaş, Ayhan Elmalı, and T. Nuri Durlu, Structure, Spectroscopic Study and *Ab-Initio* Calculations on Third-order Nonlinear Optical Behavior of *N*-(2-hydroxy-4-methoxybenzalidene)3-nitroaniline, *Zeitschrift für Naturforschung*, 63b (2008) 1315-1320.
44. **Hüseyin Ünver**, Mustafa Yıldız, Aşkın Kiraz, Özen Özgen, Spectroscopic studies and crystal structure of (Z)-6-[(2-hydroxyphenylamino)methylene]-2-methoxycyclohexa-2,4-dienone, *Journal of Chemical Crystallography* 39 (2009) 17-23.
45. Mustafa Yıldız, **Hüseyin Ünver**, Diğdem Erdener, Aşkın Kiraz, Nazan Ocak İskeleli, Synthesis, spectroscopic studies and crystal structure of (E)-2-(2,4-dihydroxybenzylidene) thiosemicarbazone and (E)-2-[(1*H*-indol-3-yl)methylene] thiosemicarbazone, *Journal of Molecular Structure* 919 (2009) 227-234.
46. **Hüseyin Ünver**, Mustafa Yıldız, Hava Özay, Tahsin Nuri Durlu, Spectroscopic study and crystal structure of (E)-2-[(2-chlorobenzylimino)methyl]methoxyphenol, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 74 (2009) 1095–1099.
47. Mehmet Ali Özdağ, Tanju Ceyhan, **Hüseyin Ünver**, Ayhan Elmalı, Özer Bekaroğlu, Strong optical limiting property of a ball-type supramolecular zinc-phthalocyanines in polymer-phthalocyanine composite film, *Optics Communications* 283 (2010) 330–334
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49. **Hüseyin Ünver**, Zeliha Hayvalı, Synthesis, spectroscopic studies and structures of square-planar nickel(II) and copper(II) complexes derived from 2-[(Z)-[furan-2-ylmethyl]imino]methyl]-6-methoxyphenol, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 75 (2010) 782–788
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51. **Hüseyin Ünver**, Mustafa Yıldız, Tautomerism in solution and solid state, spectroscopic studies and crystal structure of (Z)-1-[(4-amino-2,3,5,6-tetramethylphenylamino)methylene]-1,8a-dihydronaphthalen-2(3*H*)-one, *Spectroscopy Letters*, 43 (2010) 114-121.
52. Hava Özay, Mustafa Yıldız, Başaran Dülger, **Hüseyin Ünver**, Synthesis, Spectroscopic Studies and Antimicrobial Activity of *Tetrakis*(4-bromo-2-formylphenoxy) cyclotriphosphazene and its Imino-Amino Derivatives, *Asian Journal of Chemistry* 22 (2010) 3813-3823.

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55. Zeliha Hayvali, **Hüseyin Ünver**, Ingrid Svoboda, Synthesis, Spectroscopic, Spectrophotometric and Crystallographic Investigations of 4-[(1E)-(3,4-dimethoxyphenyl)methylene]amino-1,5-dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one and 4-[(1E)-(2-hydroxy-5-methoxyphenyl)methylene]amino-1,5-dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one, *Acta Chimica Slovenica* 57 (2010) 643-650.
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