

CURRICULUM VITAE

Name and Surname: Bedia Kaymakçioğlu
Academic Title: Professor Dr.
Work Address:
Email: bkaymakcioglu@biruni.edu.tr
Foreign Languages Known (Score and Year): English, B2 Upper Intermediate, 2024
Area of Expertise: Health Sciences
Natural Sciences

Degree	Department/Program	University	Year
Doctorate	FARMASÖTİK KİMYA (DR)	Marmara University	2001
Master's Degree	FARMASÖTİK KİMYA (YL) (TEZLİ)	Ankara University	1996
Bachelor's Degree	ECZACILIK PR.	Ankara University	1993

Master's Thesis Title (abstract attached) and Thesis Supervisor(s):

Bazı yeni N-(2-hidroksi-5-süstitüefenil) benzenasetamid, fenoksiasetamid ve tiyofenoksiasetamid türevlerinin sentez, yapı aydınlatması, mikrobiyolojik etkilerinin saptanması ve olası metabolit etkinliklerinin araştırılması

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

4-Amino-3,5-dimetilpirazolden türeyen süstitüe üre, tiyoüre ve hidrazonların sentezi ve biyolojik aktivitelerinin incelenmesi

Position Title	Workplace	Year
Professor Dr.	Biruni University	2023-Continues
Professor Dr.	Marmara University	2012-Continues
Associate Professor	Marmara University	2006-Continues
Assistant Professor	Marmara University	2002-2006
Lecturer	Marmara University	2001-2002
Research Assistant	Marmara University	1998-2001
Research Assistant	Ankara University	1993-1996

Supervised Master's Theses:

1. Bazı yeni hidrazid-hidrazonlar ve bunlardan türetilen metal komplekslerinin sentezi ve aktivitelerinin incelenmesi” (2015)

Supervised Doctoral Theses/Proficiency Studies in Arts:

1. Kaderiye Akdağ, Bazı Yeni Hidrazid-Hidrazonlar ve Bunlardan Türetilen Sübstitüe 1,3,4-Oksadiazol Türevlerinin Sentezi ve Analjezik-Antiinflamatuvar Aktivitelerinin İncelenmesi (2018)

Roles in Projects:

1. *Yeni 2-Pirazolin Türevlerinin Antihiperglisemik Potansiyeli: Yapı-Temelli Tasarımı, İn Silico Çalışmaları, Sentezi ve Biyolojik Aktivite Değerlendirmesi*, TUBITAK Project, Kaymakçioğlu B. (Executive), 2025-Continues.
2. *Alzheimer Hastalığının Tedavisine Yönelik Çok Hedefli Sülfonamit Grubu Taşıyan Yeni Tiyöüre Ve 1,3-Tiyazolidin-4-On Türevlerinin Tasarımı, Sentezi Ve Biyolojik Aktivite Çalışmaları*, Project Supported by Higher Education Institutions, Kaymakçioğlu B., 2024-Continues.
3. *Moleküler Modelleme Tabanlı Antidiyabetik Aktivite Potansiyeline Sahip Yeni Sülfonamit-Pirazolin Hibrit Moleküllerinin Tasarım, Sentezi Ve Aktivite Çalışmaları.*, Project Supported by Higher Education Institutions, Kaymakçioğlu B., 2025-Continues.
4. *Biyolojik Etkinlik Göstermesi Muhtemel Nabumeton Türevi Bileşiklerinin Sentezi Ve Yapı Karakterizasyonu*, Project Supported by Higher Education Institutions, Bardakkaya M., Uğraş Z., Kaymakçioğlu B. (Executive), 2024-Continues.
5. *Piperidin halkası taşıyan bazı yeni hidrazonların ve bunlardan türetilen metal komplekslerinin sentezi, yapılarının aydınlatılması ve antikanser aktivitelerinin incelenmesi*, Emergency R&D Project of Group A, Kaymakçioğlu B., Tok F. (Executive), 2023-Continues.
6. *Proje Başlığı : Bazı yeni tiyosemikarbazon türevlerinin sentezi, yapısının aydınlatılması, AChE ve BChE enzim inhibitör özellikleri ve moleküler docking çalışmaları*, Emergency R&D Project of Group A, Kaymakçioğlu B., Uğraş Z. (Executive), 2024-Continues.
7. *Bebeklerde Pişik Önleyici Amaçla, Biodegradable Fiber Kumaş İçeren Bitkisel İçerikli Islak Mendillerin Geliştirilmesi*, Company, Kaymakçioğlu B. (Executive), 2022-2022.
8. *Marmara Üniversitesi Eczacılık Fakültesi Enstrümental Analiz Laboratuvarının Kurulması*, Project Supported by Higher Education Institutions, Kaymakçioğlu B., 2017-2022.
9. *Tüberküloz tedavisi alan çocuk hastalarda terapötik ilaç izlemi SAG A 130511 0128*, Project Supported by Higher Education Institutions, Kaymakçioğlu B., 2018-2022.
10. *Bazı yeni piridin halkası taşıyan moleküllerin sentezi, yapılarının aydınlatılması, biyolojik aktivitelerinin incelenmesi*, Project Supported by Higher Education Institutions, Kaymakçioğlu B., Karaca Gençer H., Tok F. (Executive), 2019-2020.
11. *Monoamin Oksidaz (MAO) ve Kolin Esteraz (ChE) İnhibitörü Olabilecek Yeni Oksadiazol Türevlerinin Tasarımı, Sentezi ve Aktivitelerinin İncelenmesi*, TUBITAK Project, Özkay Y., Tok F., Uğraş Z., Kaymakçioğlu B. (Executive), 2019-2020.
12. *BAZI YENİ 2 SÜBSTİTÜE 5 ARILOKSİMETİL 1 3 4 OKSADIAZOL TÜREVLERİNİN SENTEZİ VE BİYOLOJİK AKTİVİTELERİNİN İNCELENMESİ*, Project Supported by Higher Education Institutions, Kaymakçioğlu B. (Executive), 2015-2018.
13. *Piridin halkası taşıyan bazı yeni üre ve karbohidrazid türevi bileşiklerin sentezi yapı aydınlatması ve biyolojik aktivitelerinin incelenmesi*, Project Supported by Higher Education Institutions, Kaymakçioğlu B. (Executive), 2016-2018.
14. *Poli ADP Riboz polimeraz inhibitörü yeni karbohidrazid ve üre türevlerinin sentezi ve aktivitelerinin incelenmesi*, TUBITAK Project, Kaymakçioğlu B. (Executive), 2016-2018.
15. *Bazı yeni hidrazon türevi bileşiklerin antimikrobiyal aktivitelerinin yeni alternatif teknikler ile belirlenmesi*, Project Supported by Higher Education Institutions, Kaymakçioğlu B., Kapkaç H. A., Sani Bozkurt S., Can N. Ö. (Executive), 2016-2017.
16. *Bazı Yeni Hidrazid Hidrazonlar ve Bunlardan Türetilen Sübstitüe 1 3 4 Oksadiazol Türevlerinin Sentezi ve Biyolojik Aktivitelerinin İncelenmesi SAG C DRP 120613 0250*, Project Supported by Higher Education Institutions, Kaymakçioğlu B. (Executive), 2013-2016.

17. Bazı Yeni Hidrazid Hidrazonlar ve Bunlardan Türetilen Sübstitüe 1 3 4 Oksadiazol Türevlerinin Sentezi ve Analjezik Antiinflamatuar Aktivitelerinin İncelenmesi SAG A 090512 0128, Project Supported by Higher Education Institutions, Kaymakçiođlu B. (Executive), 2012-2016.

18. 5 Kloropirazin 2 karbohidrazitten hareketle elde edilen bazı yeni hidrazonlar ve Pd II komplekslerinin sitotoksik aktivitesi SAG D 100615 0258, Project Supported by Higher Education Institutions, Kaymakçiođlu B. (Executive), 2015-2015.

19. Bazı yeni hidrazid hidrazonlar ve bunlardan türetilen metal komplekslerinin sentezi ve biyolojik aktivitelerinin incelenmesi, Project Supported by Higher Education Institutions, Kaymakçiođlu B. (Executive), 2012-2015.

Administrative Duties:

1. Commission Member under Rectorate - Marmara University (2015 - 2023)
2. Faculty Board Member - Marmara University (2015 - 2021)
3. Phase Coordinator - Marmara University (2015 - 2020)
4. Vice Dean - Marmara University (2015 - 2020)
5. Deputy Institute Director - Marmara University (2012 - 2015)
6. Faculty Executive Board Member - Marmara University (2012 - 2015)
7. Deputy Institute Director - Marmara University (2008 - 2010)

Awards:

1. Novartis Farmasötik ve Medisinal Kimya İlaç Tasarım ve Geliştirme Araştırma (2010)
2. Marmara Üniversitesi Yayın Ödülü (2003)
3. Marmara Üniversitesi Yayın Ödülü (2002)

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Dođan M. O., Oruç-emre E. E., Alyamaç İ. T., Taşdemir D., Solak Z. D. T., Tatar Yılmaz G., Kaymakçiođlu B., Tok F., "Piperidine-Based Hydrazones and Their Pt(II)/Pd(II) Complexes: Synthesis, Structural Characterization, In Vitro Anticancer Evaluation, and In Silico Studies", *Drug Development Research*, vol. 87, no. 2, 2026.

A2. Karakuş S., Usta M., Tok F., Erdoğan Ö., Şentürk M., Çevik Ö., Kaymakçiođlu B., "Synthesis and Apoptotic Effects of DNMT Inhibition Targeted Novel Hybrid Molecules Bearing Thiadiazole and Clopidogrel for Cancer Treatment", *Polycyclic Aromatic Compounds*, 2025.

A3. Tok F., Baltaş N., Abas B. İ., Tatar Yılmaz G., Kaya S., Kaymakçiođlu B., Çevik Ö., "Design, synthesis, molecular modeling, in vitro evaluation of novel piperidine-containing hydrazone derivatives as cholinesterase inhibitors", *Drug Development Research*, vol. 85, no. 5, 2024.

A4. Demiraran S., Osmaniye D., Özkay Y., Kaplancıklı Z. A., Kaymakçiođlu B., Tok F., "Synthesis, characterization, biological evaluation and in silico studies of novel 1,3,4-thiadiazole derivatives as aromatase inhibitors", *Journal of Molecular Structure*, vol. 1296, 2024.

A5. Tok F., Bayrak İ. R., Karakaraman E., Soysal İ., Çakır C., Tuna K., Özgüven S. Y., Sıcak Y., Öztürk M., Kaymakçiođlu B., "Synthesis, Characterization, Molecular Docking Studies and Biological Evaluation of Some Novel 3,5-disubstituted-1-phenyl-4,5-dihydro-1H-pyrazole Derivatives", *Current Organic Chemistry*, vol. 28, no. 3, pp. 230-240, 2024.

A6. Kahveciođlu D., Ozguven S. Y., Sıcak Y., Tok F., Öztürk M., Kaymakçiođlu B., "Synthesis and molecular docking analysis of novel hydrazone and thiosemicarbazide derivatives incorporating a pyrimidine ring: exploring neuroprotective activity", *Journal of Biomolecular Structure and Dynamics*, 2024.

A7. Tok F., Yang X., Tabanca N., Kaymakçiođlu B., "Synthesis of Phthalimide Derivatives and Their Insecticidal Activity against Caribbean Fruit Fly, *Anastrepha suspensa* (Loew)", *Biomolecules*, vol. 13, no. 2, 2023.

A8. Tok F., Kaymakçiođlu B., "Recent Advances in the Microwave and Ultrasound-assisted Synthesis of Pyrazole Scaffolds", *Current Organic Chemistry*, vol. 27, no. 12, pp. 1053-1071, 2023.

A9. Tok F., Cihangir H., Şan K., Çakır C., Tuna K., Sıcak Y., Öztürk M., Kaymakçiođlu B., "Synthesis, characterization and biological evaluation of some novel sulfonylurea derivatives", *Journal of Research in Pharmacy*, vol. 27, no. 6, pp. 2416-2424, 2023.

A10. Tok F., Sağlık B. N., Özkay Y., Kaplancıklı Z. A., Kaymakçiođlu B., "Design, synthesis, biological activity evaluation and in silico studies of new nicotinohydrazide derivatives as multi-targeted inhibitors for Alzheimer's disease", *Journal of Molecular Structure*, vol. 1265, 2022.

- A11.** Tok F., Sağlık B. N., Özkay Y., Kaplancıklı Z. A., Kaymakçioğlu B., "N-Substituted Arylidene-3-(Methylsulfonyl)-2-Oxoimidazolidine-1-Carbohydrazide as Cholinesterase Inhibitors: Design, Synthesis, and Molecular Docking Study", *Chemistry and Biodiversity*, vol. 19, no. 8, 2022.
- A12.** Yılmaz S., Tok F., Atalay-sahar E., Kaymakçioğlu B., Ballarkırmızıbayrak P., "Induction of Divergent Cell Death Pathways by Urea and Carbohydrazide Derivatives", *Anti-Cancer Agents in Medicinal Chemistry*, vol. 22, no. 9, pp. 1761-1768, 2022.
- A13.** Tok F., Baltaş N., Tatar G., Kaymakçioğlu B., "Synthesis, Biological Evaluation and in Silico Studies of New Pyrazoline Derivatives Bearing Benzo[d]thiazol-2(3H)-one Moiety as Potential Urease Inhibitors", *Chemistry and Biodiversity*, vol. 19, no. 3, 2022.
- A14.** Tok F., Tilki E. K., Dikmen M., Kaymakçioğlu B., "Synthesis and anticancer activity of new carbohydrazide derivatives bearing furan moiety", *Journal of Research in Pharmacy*, vol. 26, no. 1, pp. 13-19, 2022.
- A15.** Tok F., Kaya M., Karaca H., Kaymakçioğlu B., "Synthesis of some novel 1,3,4-oxadiazole derivatives and evaluation of their antimicrobial activity", *Synthetic Communications*, vol. 52, no. 6, pp. 926-935, 2022.
- A16.** Tok F., Küçükbal B., Baltaş N., Tatar Yılmaz G., Kaymakçioğlu B., "Synthesis of novel thiosemicarbazone derivatives as antidiabetic agent with enzyme kinetic studies and antioxidant activity", *Phosphorus, Sulfur and Silicon and the Related Elements*, vol. 197, no. 12, pp. 1284-1294, 2022.
- A17.** Tok F., Doğan M. O., Gürbüz B., Kaymakçioğlu B., "Synthesis of novel pyrazoline derivatives and evaluation of their antimicrobial activity", *Journal of Research in Pharmacy*, vol. 26, no. 5, pp. 1453-1460, 2022.
- A18.** Okuyan B., Tok F., Karakuş S., Dalgiç N., Çakir E., Midyat L., Kaymakçioğlu B., Berk U. E., İzzettin F. V., Rollas S. vd., "Therapeutic Drug Monitoring in Pediatric Patients Treated with Anti-Tuberculosis Medications by High Performance Liquid Chromatography", *Journal of Research in Pharmacy*, vol. 26, no. 6, pp. 1907-1914, 2022.
- A19.** Akdağ K., Tok F., Karakuş S., Erdoğan Ö., Çevik Ö., Kaymakçioğlu B., "Synthesis and Biological Evaluation of Some Hydrazide-Hydrazone Derivatives as Anticancer Agents", *Acta Chimica Slovenica*, vol. 69, no. 4, pp. 863-875, 2022.
- A20.** Tok F., Sağlık B. N., Özkay Y., Ilgın S., Kaplancıklı Z. A., Kaymakçioğlu B., "Synthesis of new hydrazone derivatives and evaluation of their monoamine oxidase inhibitory activity", *Bioorganic Chemistry*, vol. 114, 2021.
- A21.** Tok F., Uğraş Z., Sağlık B. N., Özkay Y., Kaplancıklı Z. A., Kaymakçioğlu B., "Novel 2,5-disubstituted-1,3,4-oxadiazole derivatives as MAO-B inhibitors: Synthesis, biological evaluation and molecular modeling studies", *Bioorganic Chemistry*, vol. 112, 2021.
- A22.** Tok F., İrem Abas B., Çevik Ö., Kaymakçioğlu B., "Design, synthesis and biological evaluation of some new 2-Pyrazoline derivatives as potential anticancer agents", *Bioorganic Chemistry*, vol. 102, 2020.
- A23.** Türk S., Tok F., Erdoğan Ö., Çevik Ö., Tok T. T., Kaymakçioğlu B., Karakuş S., "Synthesis, anticancer evaluation and in silico ADMET studies on urea/thiourea derivatives from gabapentin", *Phosphorus, Sulfur and Silicon and the Related Elements*, vol. 196, no. 4, pp. 382-388, 2020.
- A24.** Tok F., Kaymakçioğlu B., "Design, synthesis and biological screening of novel 1,5-diphenyl-3-(4-(trifluoromethyl)phenyl)-2-pyrazoline derivatives", *Acta Chimica Slovenica*, vol. 67, no. 4, pp. 1139-1147, 2020.
- A25.** Tok F., Kaymakçioğlu B., Sağlık B. N., Levent S., Özkay Y., Kaplancıklı Z. A., "Synthesis and biological evaluation of new pyrazolone Schiff bases as monoamine oxidase and cholinesterase inhibitors", *Bioorganic Chemistry*, vol. 84, pp. 41-50, 2019.
- A26.** Kaymakçioğlu B., Yazici S. S., Tok F., Dikmen M., Engür S., Oruc-emre E. E., Iyidogan A., "Synthesis and anticancer activity of new hydrazide-hydrazones and their Pd(II) complexes", *Letters in Drug Design and Discovery*, vol. 16, no. 5, pp. 522-532, 2019.
- A27.** Tok F., Kaymakçioğlu B., İlhan R., Yılmaz S., Ballar-kırmızıbayrak P., Taşkin-tok T., "Design, synthesis, biological evaluation and molecular docking of novel molecules to PARP-1 enzyme", *Turkish Journal of Chemistry*, vol. 43, no. 5, pp. 1290, 2019.
- A28.** Tok F., İlhan R., Günel S., Ballar-kırmızıbayrak P., Kaymakçioğlu B., "Design, synthesis and evaluation of the biological activities of some new carbohydrazide and urea derivatives Bazı yeni karbohidrazit ve üre türevlerinin tasarımı, sentezi ve biyolojik aktiviterinin değerlendirilmesi", *Turkish Journal of Pharmaceutical Sciences*, vol. 15, no. 3, pp. 304-308, 2018.
- A29.** Karaman N., Adil Zainel R., Kapkaç H. A., Karaca Gençer H., Ilgın S., Karaduman A. B., Karaküçük-iyidoğan A., Oruç-emre E. E., Kaymakçioğlu B., "Design and evaluation of biological activities of 1,3-oxazolidinone derivatives bearing amide, sulfonamide, and thiourea moieties", *Archiv der Pharmazie*, vol. 351, no. 9, 2018.
- A30.** Karakuş S., Tok F., Türk S., Salva E., Tatar G., Taskin-tok T., Kaymakçioğlu B., "Synthesis, anticancer activity and ADMET studies of N-(5-methyl-1,3,4-thiadiazol-2-yl)-4-[(3-substituted)ureido/thioureido] benzenesulfonamide derivatives", *Phosphorus, Sulfur and Silicon and the Related Elements*, vol. 193, no. 8, pp. 528-534, 2018.
- A31.** Tok F., Kaymakçioğlu B., Tabanca N., Estep A. S., Gross A. D., Geldenhuys W. J., Becnel J. J., Bloomquist J. R., "Synthesis and structure-activity relationships of carbohydrazides and 1,3,4-oxadiazole derivatives bearing an imidazolidine moiety against the yellow fever and dengue vector, *Aedes aegypti*", *Pest Management Science*, vol. 74, no. 2, pp. 413-421, 2018.
- A32.** Akdağ K., Ünal G., Tok F., Aricioğlu F., Edip Temel H., Kaymakçioğlu B., "Synthesis and biological evaluation of some new hydrazone derivatives bearing pyrimidine ring as analgesic and anti-inflammatory agents", *Acta Poloniae Pharmaceutica - Drug Research*, vol. 75, no. 5, pp. 1147-1159, 2018.
- A33.** Beyhan N., Kaymakçioğlu B., Gümrü S., Aricioğlu F., "Synthesis and anticonvulsant activity of some 2-pyrazolines derived from chalcones", *Arabian Journal of Chemistry*, vol. 10, 2017.
- A34.** Türk S., Tok F., Çelik H., Karakuş S., Nadaroğlu H., Kaymakçioğlu B., Küçükoğlu K., "Some N-(5-methyl-1,3,4-thiadiazol-2-yl)-4-[(3-substituted)ureido/thioureido]benzenesulfonamides as carbonic anhydrase I and II inhibitors Karbonik anhidraz I ve II

inhibitörü olan bazı N-(5-metil-1,3,4-tiyadiazol-2-il)-4-[(3-süstitüe)üreido/tiyöüreido] benzensülfonamitler", *Marmara Pharmaceutical Journal*, vol. 21, no. 1, pp. 89-95, 2017.

A35. Tok F., Beyhan N., Erzurumlu Y., İlhan R., Ballar P., Kaymakçioğlu B., "Antiproliferative activity of some tautomeric hydrazones derived from chalcones Şalkonlardan hareketle elde edilen bazı tautomerik hidrazonların antiproliferatif aktiviteleri", *Marmara Pharmaceutical Journal*, vol. 20, no. 2, pp. 157-163, 2016.

A36. Karaman N., Sıcak Y., Taşkın-tok T., Öztürk M., Karaküçük-iyidoğan A., Dikmen M., Kaymakçioğlu B., Oruç-emre E. E., "New piperidine-hydrazone derivatives: Synthesis, biological evaluations and molecular docking studies as AChE and BChE inhibitors", *European Journal of Medicinal Chemistry*, vol. 124, pp. 270-283, 2016.

A37. Akdag K., Kaymakçioğlu B., Tabanca N., Ali A., Estep A., Becnel J. J., Khan I. A., "Synthesis and larvicidal and adult topical activity of some hydrazidehydrazone derivatives against *Aedes aegypti* Bazı hidrazit-hidrazon türevlerinin sentezi ve larvasidal etkileri", *Marmara Pharmaceutical Journal*, vol. 18, no. 3, pp. 120-125, 2014.

A38. Tabanca N., Ali A., Bernier U. R., Khan I. A., Kaymakçioğlu B., Oruç-emre E. E., Unsalan S., Rollas S., "Biting deterrence and insecticidal activity of hydrazide-hydrazones and their corresponding 3-acetyl-2,5-disubstituted-2,3-dihydro-1,3,4-oxadiazoles against *Aedes aegypti*", *Pest Management Science*, vol. 69, no. 6, pp. 703-708, 2013.

A39. Kaymakçioğlu B., Celen A. O., Tabanca N., Ali A., Khan S. I., Khan I. A., Wedge D. E., "Synthesis and biological activity of substituted urea and thiourea derivatives containing 1,2,4-triazole moieties", *Molecules*, vol. 18, no. 3, pp. 3562-3576, 2013.

A40. Kaymakçioğlu B., Oruç-emre E. E., Ünsalan S., Tabanca N., Khan S. I., Wedge D. E., İşcan G., Demirci F., Rolla S., "Synthesis and biological activity of hydrazide-hydrazones and their corresponding 3-Acetyl-2,5-disubstituted-2,3-dihydro-1,3,4-oxadiazoles", *Medicinal Chemistry Research*, vol. 21, no. 11, pp. 3499-3508, 2012.

A41. Rollas S., Kokyan Ş., Kaymakçioğlu B., Özbaş-turan S., Akbuğa J., "Synthesis and evaluation of cytotoxic activities of some substituted isoxazolone derivatives Süstitüe izoksazonon türevlerinin sentezi ve sitotoksik aktivitelerinin değerlendirilmesi", *Marmara Pharmaceutical Journal*, vol. 15, no. 3, pp. 94-99, 2011.

A42. Kaymakçioğlu B., Aker R. G., Tezcan K., Sakallı E., Ketenci S., Oruç-emre E. E., Akin D., Gurbanova A., Terzioglu B., Onat F. vd., "Anticonvulsant activity of 3,5-dimethylpyrazole derivatives in animal models", *Medicinal Chemistry Research*, vol. 20, no. 5, pp. 607-614, 2011.

A43. Kaymakçioğlu B., Elçin Oruç-emre E., Unsalan S., Rollas S., "Antituberculosis activity of hydrazones derived from 4-fluorobenzoic acid hydrazide", *Medicinal Chemistry Research*, vol. 18, no. 4, pp. 277-286, 2009.

A44. Karakus S., Kaymakçioğlu B., Toklu H. Z., Aricioglu F., Rollas S., "Synthesis and anticonvulsant activity of new N-(alkyl/Substituted aryl)-N'-[4-(5-cyclohexylamino)-1,3,4-thiadiazole-2-ylphenyl]thioureas", *Archiv der Pharmazie*, vol. 342, no. 1, pp. 48-53, 2009.

A45. Kaymakçioğlu B., Toklu H., İkiz S., Bağcigil F. A., Rollas S., Ozgur Y. N., Ak S., "Synthesis and antinociceptive-antimicrobial activities of some new amide derivatives of 3,5-di-/and 1,3,5-trimethylpyrazoles", *Journal of Enzyme Inhibition and Medicinal Chemistry*, vol. 23, no. 4, pp. 454-461, 2008.

A46. Kaymakçioğlu B., Ünsalan S., Küçükgülzel Ş. G., Şener G., Rollas S., "HPLC analysis of in vivo metabolites of 4-nitrobenzoic acid [(5-nitro-2-thiophenyl)methylene]hydrazide in rats", *European Journal of Drug Metabolism and Pharmacokinetics*, vol. 32, no. 4, pp. 197-203, 2007.

A47. Kaymakçioğlu B., Yılmaz U., Aricioglu F., "High pressure liquid chromatographic analysis of in vivo metabolites of N-(substituted phenyl)-N'-(1,3,5-trimethyl pyrazole-4-yl)thioureas in rats", *European Journal of Drug Metabolism and Pharmacokinetics*, vol. 32, no. 4, pp. 225-232, 2007.

A48. Oruç E., Kaymakçioğlu B., Oral B., Altunbas-toklu H., Kabasakal L., Rollas S., "Synthesis of some novel azo derivatives of 3,5-dimethyl-1-(2-hydroxyethyl) pyrazole as potent analgesic agents", *Archiv der Pharmazie*, vol. 339, no. 5, pp. 267-272, 2006.

A49. Kaymakçioğlu B., "An high performance liquid chromatographic method for the quantification of cotinine in the urine of preschool children", *Pharmazie*, vol. 61, no. 10, pp. 823-827, 2006.

B. Papers presented at international scientific meetings and published in proceedings:

B1. Kaymakçioğlu B., Tok F., Baltacı Ş. R., Synthesis of Some New Chalcone and Pyrazoline Derivatives Bearing Piperazine Ring and Evaluation of Their Biological Activity, In: *18 th, International Medicina and Health Sciences Researches Congress*, Ankara, Turkey, 2025.

B2. Kaymakçioğlu B., Tatar Yılmaz G., Emre E. E., İyidoğan A., Tok F., Investigation of Novel Sulfonamide-Pyrazoline Hybrid Molecules with Potential Antidiabetic Activity Based on Molecular Modelling Against α -Glucosidase, Aldose Reductase and Dipeptidyl Peptidase 4 (DPP-4), In: *13. International Drug Chemistry Conference*, Antalya, Turkey, 2025.

B3. Kaymakçioğlu B., Öztürk M., Sıcak Y., Emre E. E., Tok F., İyidoğan A., Taşdemir D., Design and Synthesis of New Thoureas Bearing Sulfonamide Moeity as Multi-Targeted Agents for The Treatment of Alzheimer's Disease, In: *13. International Drug Chemistry Conference*, Antalya, Turkey, 2025.

B4. Türk S., Tok F., Ulusoy S., Karakuş S., Kaymakçioğlu B., Tınaz G., Synthesis, characterization and anti-biofilm activity studies on novel urea/thiourea derivatives, In: *12th International Symposium on Pharmaceutical Sciences-ISOPS 2018*, Ankara, Turkey, 2018, pp. 404-404.

B5. Tok F., Kaymakçioğlu B., Discovery of novel urea and carbohydrazide derivatives as potent PARP-1 inhibitors, In: *54th International Conference on Medicinal Chemistry-RICT 2018*, Strazburg, France, 2018.

- B6.** Pirinçci Y., Tok F., Kaymakçioğlu B., Synthesis and biological evaluation of new schiffbases from antipyrine derivatives, In: *54th International Conference on Medicinal Chemistry-RICT 2018*, Strazburg, France, 2018.
- B7.** Kaymakçioğlu B., Tok F., Taşkın Tok T., Design of potent PARP-1 inhibitors through molecular modeling techniques, In: *54th International Conference on Medicinal Chemistry-RICT 2018*, Strazburg, France, 2018.
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