

## Hülya AĞÜN



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### Araştırma Alanları

- Farmakolojik aktiviteye sahip yeni moleküllerin sentezi
- NMR spektroskopisi

### Eğitim Bilgileri

Lisans: 1976

Doktora: 1981

### Yayınlar

1. **H. Akgün**, T. Hudlicky, Total Synthesis of *ent*-Conduramine A and *ent*-7-Deoxypancratistatin, *Tetrahedron Lett.*, 40 (16) 3081-3084 (2002).

2. T. Hudlicky, U. Rinner, D. Gonzalez, **H. Akgün**, S. Schilling, P. Siengalewicz, T. A. Martinot and G. R. Pettit, Total Synthesis and Biological Evaluation of Amaryllidaceae Alkaloids: Narciclasine *ent*-7-Deoxypancratistatin, Regioisomer of 7-Deoxypancratistatin and Truncated Derivatives, *J. of Organic Chemistry*, 67(25) p 8726-8743 (2002).

3. Barkın Berk; **Hülya Akgün**; Kevser Erol; Başar Sırmagül, Zhan-Guo Gao, Kenneth A. Jacobson: New 8-substituted xanthine derivatives as potent bronchodilators *IL FARMACO*, 60, 974-980 (2005).

4. **H. Akgün**, B. Berk, D. D. Erol, G. Mercanoğlu, Ö. F. Bayrak, B. Çağlayan, A. Dedeoğlu, I.A. Kurnaz, Nitric Oxide Derivatives of [(2-chloroethyl)ureido]Benzoic acid Esters as Potential Antineoplastic Agents, *Turk. J. Chem.* 33, 107-121 (2009).

5. **H. Akgün**, İ. Karamelkoğlu, Recent Developments of Thalidomide Derivatives Possessing Anti-Inflammatory Activity, *Anti-Inflammatory Anti-Allergy Agents in Medicinal Chemistry*, 9, 71-81, 2010.

6. **Hülya Akgün**, İrem Karamelkoculu, Barkın Berk, Işıl Kurnaz, Gizem Sarıbyık, Sinem Öktem, Tamil Kocagöz; Synthesis and antimycobacterial activity of some phthalimide derivatives, *Bioorganic & Medicinal Chemistry*, 20 4149-4154 (2012).

7. Filiz Esra Önen Bayram, Hande Sipahi and **Hülya Akgün**, Acetylenic antifolates as anticancer agents, *Pteridines*, 26(3) 85-133, 2015.

8. **F. Esra Önen Bayram**, **Hande Sipahi**, **Ebru Türköz Acar**, **Reyhan Kahveci Ulugöl**, **Kerem Buran**, **Hülya Akgün**, The cysteine releasing pattern of some antioxidant thiazolidine-4-carboxylic acids, *Eur.J. of Medicinal Chemistry*, 114, 337-34 2016.

9. **Hülya Akgün**, Demet Us Yılmaz, Rengül Çetin Atalay and Damla Gözen, A series of 3-substituted-2,4(1H,3H)-quinazolidone Derivatives: Synthesis and biological evaluation as potential Anticancer Agents. *Letters in Drug design & discovery* 13, 64-76, 2016.

10. Demet Us Yılmaz, Hazal Terlemeç, Tansu Turnalar, Hande Sipahi, Beril Kadioglu, İnci Deniz and **Hülya Akgün**, Synthesis and pharmacological activities of Some novel N,N'-disubstituted urea derivatives, *International Journal of Research in Pharmacy and Chemistry*, 6(2), 363-371, 2016.

### Kitap Bölümü

1. **H. Akgün**, A. Balkan, A. A. Bilgin, Ü. Çalıř, S. Dalkara, H. Erdoğan, D.D. Erol, M. Etan, F. Özkanlı, E. Palaska, S. Saraç, C. Şafak Farmasötik Kimya I, II İrmak Matbaası Ankara 2000.

2. **H. Akgün**, A. Balkan, A. A. Bilgin, Ü. Çalıř, S. Dalkara, H. Erdoğan, D.D. Erol, M. Etan, F. Özkanlı, E. Palaska, S. Saraç, C. Şafak Farmasötik Kimya I, II İrmak Matbaası, İkinci Baskı Ankara 2004.

### Dersler

Güz: PHAR 311 Farmasötik Kimya II+ Lab.

PMC 612 Temel İlaç Tasarımı

PMC 618 Farmasötik Kimya'ya Giriş

PHAR 501 Mezuniyet Projesi

Bahar: PHAR 212 Farmasötik Kimya I+ Lab I +Lab

ECKM 501 İlaça Giriş

PHAR 502 Mezuniyet Projesi

PHAR 710 Hızlı Tarama Teknikleri ve Kombinatorial Sentez