

List of PUBLICATIONS

1. **Hamad A. Al-Khamees** and Roger Grayshan, Synthesis of (α)-(4aS, 13cR)-and (α)-(4aR, 13cR)-1,2,3,4,4a,13c hexahydro-5H-indazolo [2,3-d] [1,4] benzodiazepin-6(7H)-ones, *J. Chem. Soc. Perkin*, **1**, 2001 (1985).
2. **Hamad A. Al-Khamees** and Bahaa-El-Din M. El-Shazly. "Determination of Mebendazole and its Formulations Using ^1H Nuclear Magnetic Resonance Spectrometry", *Analyst*, **113**, 599 (1988).
3. Abdel-Aziz Wahbi, **Hamad A. Al-Khamees**, and Ahmad M.A. Youssef. Ratios of Fourier to Orthogonal Function Coefficients: Spectrophotometric Determination of Tetraenes in Amphotericin B, *Analyst*, **113**, 563 (1988).
4. Mohamed E. Mohamed, Mohammad A. Abounassif, **Hamad A. Al-Khamees**, Hesham Kandil and Hassan Y. Aboul-Enein. "Colorimetric Determination of Azteronam and Conductometric Determination of L-Arginine in Injectable form", *J.Pharm. Belg.*, **43**, 6, 429 (1988).
5. M.E.Mohamed, E.M.Abdel-Moety, M.A. Abounassif and **Hamad A. Al-Khamees**, Spectrophotometric Determination of Azteronam (Azactam 7) in Pharmaceutical Formulations, *Analytical Letters*, **21**(9), 1579 (1988).
6. Abdel-Aziz M. Wahbi, **Hamad A. Al-Khamees**, Ahmad M. Yousef. First Derivative Spectrophotometric Determination of Anhydrotetracyclines in Tetracyclines. *J. Assoc. Off. Anal. Chem.*, **71**(4), 768 (1988).
7. Said M. Bayomi, **Hamad A. Al-Khamees**, Abdel-Kader M. Ismail, Hassan M.Eissa and M. El-Derday. Some Reactions of 2-Aminbo-3-Cyano-substituted pyrroles, *J. Chin. Chem. Soc.*, **36**, 159 (1989)
8. **Hamad A. Al-Khamees**, M.A. Abounassif, K.A. Al-Rashood, and M.E. Mohamed. Colorimetric and Bromometric Determination of Pirbuterol Hydrochloride, *Analytical Letters*, **21**(7), 1189 (1988).
9. Abdel-Aziz M. Wahbi, **Hamad A. Al-Khamees**, and Ahmad M. Youssef. First-derivative Spectrophotometric Determination of Salicylic Acid in Aspirin, *Talanta*, **36**, 1117 (1989).
10. **Hamad A. Al-Khamees**. Synthesis of New Derivatives of 1,3,5-Hexahydro-s-triazine as Potential Anticancer Agents, *Arch. Pharm. Res.*, **13**(1), 19-23 (1989).
11. **Hamad A. Al-Khamees**, Said M. Bayomi, Hesham A. Kandil and Kamal E.H. El-Tahir. Synthesis and Pharmacological Screening of a New Series of 3-(4-Antipyryl)-2-Arylthiazolidin-4one, *Europ. J. of Med. Chem.*, **25**, 103-106 (1990)

12. Ezzat M. Abdel-Moety and **Hamad A. Al-Khamees**. Analytical Profile of Azintamide, *Analytical Profiles of Drug Substances*, **18**, 1-32 (1989).
13. M.E. Mohamad, **Hamad A. Al-Khamees**, M. Al-Awadi and K.I. Al-Khamis. First-Derivative UV Spectrophotometric Assay of Domperidone, *IL Farmaco*, **44**(11), 1045-1052 (1989).
14. Khalil I. Al-Khamis, M.E.M. Hagga, **Hamad A. Al-Khamees**, and Mahmoud Al-Awadi. Spectrophotometric Determination of Domperidone Using A Method, *Analytical Letters*, **23**(3) 451-460 (1990).
15. **Hamad A. Al-Khamees**, Hesham A. Kandil, Kamal E.H. Eltahir and Said M. Bayomi. Synthesis of Pyridylalkylguanidine Derivative as Potential H₂-Antagonists, *Scientia Pharmaceutica*, **61**, 233-242 (1993).
16. **Hamad A. Al-Khamees**, Hesham A. Kandil, Kamal E.H. ElTahir and Said M. Bayomi. Synthesis and Pharmacological Activity of 3-[(p-Acetamidoalkyl)-benzenesulfonyl]thiazolidin-4-ones and Thiazolides, *Arch. Pharm. Res.*, **16**(3), 186-190 (1993).
17. **Hamad A. Al-Khamees**, O.A. Al-Deeb and Said M. Bayomi. Synthesis of 2-Substituted-1,2,4-Triazolo[1,5-a]-pyrimidine and 1,2,4-Triazolo[4,3-a]pyrimidine Derivatives as Potential Antimicrobial Agents, *Indian Journal of Heterocyclic Chemistry*, **2**, 237-244 (1993).
18. Omar A. Al-Deeb, **Hamad A. Al-Khamees**, and Said M. Bayomi. Carbon-13NMR; The Identification of Some 2-Substituted-1,2,4-Triazolo[1,5-a]Pyrimidine and 1,2,4-Triazolo[4,3-a]Pyrimidine Derivatives, *Indian Journal of Heterocyclic Chemistry*, **3**, 101-106 (1993).
19. H.A. El-Obeid, K.A. Al-Rashood, **Hamad A. Al-Khamees**, K.I. Al-Khamis and M.S. Mian. Effect of Pirenzepine on the N-Demethylation of D(-)Ephedrine and Ethylmorphine by Rabbit Liver Microsomes, *Bipharmaeconomics and Drug Disposition*, **14**, 271-277 (1993).
20. Mohamed E.M. Hagga, Abdulqader A. Alhaider, **Hamad A. Al-Khamees**, Mahmoud E. Alawady and El-Rasheed A. Gad-Kareim. Evaluation of Fluvoxamine Maleate in Tablets by High-Performance Liquid Chromatographic and Charge-Transfer Complexation Method, *Saudi Pharmaceutical Journal*, **1**(2), 70-75 (1993).
21. K.A. Al-Rashood, **Hamad A. Al-Khamees**, K.I. Al-Khamis, M.S. Mian and H.A. El-Obeid. Inhibition of Clobazam and 4N-Hydroxy Clobazam Metabolism by Desmethylclobazam and Carbamazepine-10, 11-epoxide Using Rabbit Liver Microsome; *J. Pharm. Med.*, **4**, 165-172 (1994).

22. Omar A.A. Al-Deeb, **Hamad A. Al-Khamees**, Mohammed E.M. Hagga and Mahmoud E. Al-Awady. Determination of Astemizole by a Spectrophotometric Charge-Transfer Method, *Pakistan Journal of Pharmaceutical Sciences*, **7**(1), 43-50 (1994).
23. **Hamad A. Al-Khamees**, Hesham A. Kandil, Kamal E.H. El-Tahir, Omar S. Al-Attas and Said M. Bayomi. Synthesis of Certain N-[[4-(1-Htetrazolo-5yl)methyl]benzenesulfonyl]-NN-Substituted Ureas as Potential Antidiabetic Agents, *Sci. Pharm.*, **62**, 363-372 (1994).
24. **Hamad A. Al-Khamees**, M.A. Abounassif, E.H. Gad-Kariem and H.A. Kandil. Simultaneous Determination of Ampicillin and Cloxacillin in Presence of their Degradation Products Either in Binary Mixtures or in Pharmaceutical Formulations; *Saudi Pharmaceutical Journal*, **3**, 104-108 (1995).
25. **Hamad A. Al-Khamees**, Colourimetric Determination of Norfloxacin in Tablets by Reaction with p-Benzoquinone. *Analytical Letters*, **28**(1), 109-120 (1995).
26. K.A. Al-Rashood, M.E.M. Hagga, **Hamad A. Al-Khamees**, and M.I. Al-Awady. Differential Pulse Polarographic and Spectrophotometric Methods for the Determination of Trace Amounts of Iodide, *Saudi Pharmaceutical Journal*, **3**(4), 181-187 (1995).
27. R.R.A. Abou-Shaaban, **Hamad A. Al-Khamees**, and A.P. Simonelli. Development of New Antigthyroid Compounds with Reduced Antioxidant Property, *Saudi Pharmaceutical Journal*, **3**(4), 156-175 (1995).
28. **Hamad A. Al-Khamees**, F.S. El-Shafie, M.E.M. Hagga and M.E. Alawady. Kinetic Methods for the Quantitation of Ampicillin Trihydrate in Bulk and in Drug Formulations, *Scientia Pharmaceutica*, (1995).
29. Kamal E.H. El-Tahir, **Hamad A. Al-Khamees**, and Said M. Bayomi. Cardiovascular Effects of Some 2-Substituted Triazolo[1,5-a]pyrimidine-7-(4H)-one-6-carboxylic Acid Ethyl Esters, *Boll. Chim. Farmaceutico*, (1995).
30. **Hamad A. Al-Khamees**. Synthesis of N(1,3-dimethyl-1H-2,3-dihydrobenzimidazol-2-ylidene) acetamixol Derivative as Potential Antiarrhythmic Agents, *J. Chin. Chem. Soc.*, **42**(6), (1995).
31. F.S. El-Shafie, E.A. Gad-Kariem, K.A. Al-Rashood, **Hamad A. Al-Khamees**, and H.A. El-Obeid. Colorimetric Method for the Determination of Ampicillin and Amoxicillin, *Analytical Letters*, **29**(3), (1996).

32. **Hamad A. Al-Khamees**, K.I. Al-Khamis, K.A. Al-Rashood, M.S. Mian and H.A. El-Obeid. Studies on the Kinetics of the *in Vitro* N-demethylation of Tenoxicam and Pirenzepine and their Interaction with Clobazam Metabolism in Rabbit Liver Microsome, *J. Pharm. Med.*, **5**, 53-59 (1995).
33. **Hamad A. Al-Khamees**, M.A. Abounassif, E.A. Gad-Kariem and H.A. Kandil. Simultaneous Determination of Ampicillin and Cloxacillin in Presence of Their Degradation Products, Either in Binary or in Pharmaceutical Formulations, **3**(3), 104 (1995).
34. Rafiq R.A. Abou-Shaaban, **Hamad A. Al-Khamees**, Hisham S. Abou-Auda and Anthony Simonelli. Atom Level Electrophilic State Indexes in QSAR: Designing and Testing Antithyroid Agents, *Pharmaceutical Research*, **13**(1), (1996).
35. Ashraf H. Abadi, **Hamad A. Al-Khamees**, Omar A. Al-Deeb, Mohei M. Elmazar and Abdulrahman M. Ageel. Synthesis and Pharmacological Evaluation of Some 3-[4-Aryl-and Benzylpiperazinyl)Alkoxy]-2-methyl-4-(3H)-quinazolinones as Potential Neuroleptic Agents, *Sci, Pharm.*, **65**, 113 (1997).
36. H.I. El-Subbagh, A.H. Abadi and **Hamad A. Al-Khamees**, Synthesis, antitumor Activity of 9-Anilino, Phenylhydrazino, and Sulphonamido Analogs of 2-or 4-Methoxy-6-nitroacridines. *Arch. Pharm. Med. Chem.*, **330**(9-10), 277 (1997).
37. Ashraf H. Abadi, Hussein I. El-Subbagh and **Hamad A. Al-Khamees**, Synthesis, antitumor and antitubercular evaluation of certain new xanthenones and acridonones analogs, *Arzen. Forsch. Drug Res.* 49(1), Nr(3), 259-266 (1999).
38. Ashraf H. Abadi **Hamad A. Al-Khamees**, 3-cyano-4, 6-disubstituted-2(1H)-imino or oxophyridines, New antineoplastic agents with high selectivity towards leukemia cell lines, *Arch. Pharm. Med. Chem.*, **331** (10), 319 (1998).
39. H.A. El-Obeid, E.A. Gad-Kariem, K.A. Al-Rashood, **Hamad A. Al-Khamees**, F.S. El-Shafie and G.M. Bawazeer, A selective colorimetric method for the determination of penicillins and Cephalosporins with α -Aminoacyl functions, *Anal. Lett.* **32**(14), 2809-2823 (1999)
40. E.A. Gad-Kariem, M.A. Abounassif, M.E. Hagga, **Hamad A. Al-Khamees**, Photodegradation kinetic study and stability-indicating assay of danazol using high-performance liquid chromatography, *J. Pharm. Biomed. Anal.* **23**, 413-420 (2000).
41. Khairia M. Yousef, Ebtihal Al-Abdullah and **Hamad A. Al-Khamees**, synthesis of certain diarylsulfonylureas as antitumor agents. *Med. Chem. Res.* **10**(6), 404-418 (2001).

42. Khairia M. Yousef, Ebtihal Al-Abdullah, and **Hamad A. Al-Khamees**, Synthesis of sulofenur analogues as antitumour agents, Part II, *Med. Chem. Res.* **11**(9) 481-503 (2002).
43. Mohamed A. AlOmar, Sami G. Abdel-Hamide, **Hamad A. Al-Khamees**, and Hussein E. El-Subbagh, Synthesis and biological screening of some new substituted-3H-quinazoline-4-one analogs as antimicrobial agents, *Saudi Pharmaceutical Journal*, **12**(2-3), 63-71 (2004).
44. Mohamed A. Al-Omar, Omar A. Al-Deeb, **Hamad A. Al-Khamees**, and Ali A. El-Emam, 1,3,4-Thiadiazoles, regioselective *o*-demethylation on dehydrative cyclization of 1-(3,4,5-Trimethoxybenzoyl)-4-substituted thiosemicarbazides with sulphuric acid *Phosphorus Sulphur and Silicon* **7**(12) 1917-1928, 2004.