

## List of Publications

1. Bis-Chlorination of hexapeptide-PCP conjugate by the vancomycine biosynthethetic-halogenase  
P. C. Schmartz, K. Zerbe, K. Abou Hadeed, J. A. Robinson, submitted.
2. Formation of 2-(phenylsulfonyl)resorcinols (=2-(phenylsulfonyl)benzene-1,3-diols) from symmetrically substituted maleic anhydrides(=Furan-2,5-diones)  
K. Abou Hadeed, H.-J. Hansen, *Helvetica Chimica Acta* **2013**, *96(10)*, 1918-1929.
3. Substituent effects on the phenol coupling reaction catalyzed by the vancomycine biosynthetic P 450 OxyB  
P. C. Schmartz, K. Woelfel, K. Zerbe, E. Gad, E. El Tamany, H. K. Ibrahim, K. Abou Hadeed, J. A. Robinson, *Angewandte Chemie, International Edition* **2012**, *51(46)*, 11468-11472.
4. A new alkylation method for heptalene-4,5-dicarboxylates and of one of their pseudoester forms  
K. Abou Hadeed, Z. A. Molnar, P. Göksaltik, R. W. Kunz, A. Linden, H.-J. Hansen, *Helvetica Chimica Acta* **2012**, *95(6)*, 885-921.
5. Introduction of adjacent oxygen-functionalities in dimethyl heptalenedicarboxylates  
F. Rogano, D. Stojnic, A. Linden, K. Abou Hadeed, H.-J-Hansen, *Helvetica Chimica Acta* **2011**, *94(7)*, 1194-1215.
6. Nucleophilic reactions of 9-isopropyl-2,4-dimethoxy-7,12-dimethyl-3-(phenylsulfonyl)-benzo[*a*]heptalene with lithium dialkylamides  
S. El Rayes, A. Linden, K. Abou Hadeed, H.-J. Hansen, *Heterocycles* **2011**, *82(11)*, 1195-1202.
7. Alkylation reactions at the benzo moiety of 2,4-dimethoxy-3-(phenylsulfonyl)benzo [*a*]-heptalenes- model compounds of colchicinoids  
S. El Rayes, A. Linden, K. Abou Hadeed, H.-J. Hansen, *Helvetica Chimica Acta* **2010**, *93(10)*,1894-1911.
8. Synthesis and crystal structure of some 3,5-pyrazolidinediones  
S. A. M. Metwally, M.I. Abdel Moneim, Y. A. Elossely, R. I. Awad, K. Abou Hadeed  
Chemistry of hterocyclic compounds(New York, NY, United Stats), 2010, *46(4)*,426-437.
9. Synthesis of pentalens, *s*-Indacens, *as*-indacenes, azulenes, and heptalenes, and their benzo derivatives  
K. Abou-Hadeed, H.-J. Hansen, *Science of Synthesis* **2010**, *45b*, 1043-1114.
10. In vitro studies of phenol coupling enzymes involved in vancomycin biosynthesis  
D.-B. Li, K. Woithe, N. Geib, K. Abou-Hadeed, K. Zerbe, J. A. Robinson  
*Methods in Enzymology* **2009**, *458* (Complex Enzymes in Microbial Natural Product Biosynthesis, Part A), 487-509.
11. Product Class 7: Cycloheptatrienylium (Tropylium) salts, tropones, tropolones, and heteroatom analogues  
K. Abou-Hadeed, H.-J. Hansen, *Science of Synthesis* **2009**, *45a*, 329-382.
12. Biaryl amino acid templates in place of D-Pro-L-Pro in cyclic  $\beta$ -hairpin cationic-antimicrobial peptidomimetics  
N. Srinivas, K. Moehle, K. Abou-Hadeed, D. Obrecht, J. A. Robinson, *Organic& Biomolecular Chemistry* **2007**, *5(19)*, 3100-3105
13. Oxidative Phenol Coupling Reactions Catalyzed by OxyB: A Cytochrome P450 from the Vancomycin Producing Organism. Implications for Vancomycin Biosynthesis  
K. Woithe, N. Geib, K. Zerbe, D.-B. Li, M. Heck, S. Fournier-Rousset, O. Meyer, F. Vitali, N. Matoba, K. Abou-Hadeed, J. A. Robinson, *Journal of the American Chemical Society* **2007**, *129(21)*, 6887.
14. Reductive elimination of phenylsulfonyl groups in the 3-position of benzo [*a*]heptalene-2,4-diols  
M. Abdel Fattah, S. El Rayes, A. S. El Sayed, A. Linden, K. Abou-Hadeed, H.-J. Hansen,

- Helvetica Chimica Acta* **2005**, 88(5), 1085-1101.
15. On the formation of 2-sulfonylbenzo[a]heptalene-1,3-diols as precursors for the synthesis of colchicinoids  
K., Abou-Hadeed, H.-j. Hansen, *Helvetica Chimica Acta* **2003**, 86(12), 4018-4047.
  16. Synthesis and properties of condensed lumazine-ring systems  
K. Abou-Hadeed, W. Pfeleiderer, *Pteridines* **2002**, 13(3), 65-72.
  17. New products from the heptalene-forming reaction of azulenes and acetylene-dicarboxylates in polar media  
G. Singh, A. Linden, K. Abou-Hadeed, H.-J. Hansen, *Helv. Chim. Acta* **2002**, 85, 27-59.
  18. A new "one-pot" synthesis of resorcinols also applicable to the formation of the aromatic ring of colchicinoids  
Oral presentation (lecture) by Dr. K. Abou-Hadeed at the Autumn Meeting October 2001 of the Swiss Chemical Society at Zürich  
K. Abou-Hadeed, H.-J. Hansen, *Chimia* **2001**, 55, 6.
  19. From maleic anhydrides to substituted resorcinols  
K. Abou-Hadeed, *Chimia* **2000**, 54, 760-762.
  20. Formation of substituted benzo[a]heptalenes via Bergman cyclization of vicinal di(ethynyl)heptalenes  
K. Abou-Hadeed, *Chimia* **2000**, 54, 763-765.
  21. Studies for a variable synthesis of colchicinoids: Construction of ring A on a heptalene moiety  
M. Meyer, K. Abou-Hadeed, H.-J. Hansen, *Helv. Chim. Acta* **2000**, 83, 2383-2397.
  22. Formation of 3-sulfonyl-substituted benzo[a]heptalene-2,4-diols from heptalene-1,2-dicarboxylates and lithiomethyl phenyl sulfones  
M. Lutz, A. Linden, K. Abou-Hadeed, H.-J. Hansen  
*Helv. Chim. Acta* **1999**, 82, 372.
  23. Pteridines CIX: Synthesis and properties of 1,3-dimethylumazine- 6,7-diamines  
K. Abou-Hadeed, W. Pfeleiderer., *Pteridines* **1998**, 9, 175-180.
  24. A "one-pot" annelation method for the transformation of heptalene-4,5-dicarboxylates into benzo[a]heptalenes  
K. Abou-Hadeed, H.-J. Hansen, *Helv. Chim. Acta* **1997**, 80, 2535-2564.
  25. Pteridines CVIII: Reactions of 6,7-dichloro-1,3-dimethylumazine with sulfurnucleophiles  
K. Abou-Hadeed, W. Pfeleiderer, *Pteridines* **1996**, 7, 113-122.
  26. Utility of hydrazidoyl chlorides: Synthesis of new pyrazoles, pyrazolo[3,4-d]pyridazines, pyrazolo[4,5-b]pyridines and pyrazolo[4,5-d]pyrimidine derivatives  
M. K. A. Ibrahim, A. H. H. Elghandour, K. Abou-Hadeed, I. S. Abdel Hafez,  
*Indian Chem. Soc.* **1992**, 69, 378-380.
  27. Reactions with heterocyclic diazonium salts: Synthesis of several new thiazolo [2,3-c]as-triazines and thiazolo[2,3-c]1,2,4-triazole derivatives  
M. K. A. Ibrahim, A. H. H. Elghandour, K. Abou-Hadeed, *Phosphorus, Sulfur and Silicon And related elements* **1991**, 60(1,2), 119-123.
  28.  $\alpha,\beta$ -Unsaturated nitriles in heterocyclic synthesis: a new synthetic route to condensed 2-alkoxy-4-aryl-3-cyanopyridines  
G. H. Elgemeie, F. A. Abdelaal, K. Abou-Hadeed, *J. Chem. Res.(S)* **1991**, 128-129.
  29. Synthesis and reactions of new phthalazine derivatives  
M. A. Badawy, K. Abou-Hadeed, S. A. Abdel-Hady, *Sulfur letters* **1990**, 12, 1-10.
  30. Recent progress in pteridine chemistry  
W. Pfeleiderer, K. Abou-Hadeed, M. Wiesenfeldt, Z. Kazimierczuk, D. Mohr, L. Kiriasis, and M. Bischler, *Chemistry and biology of pteridines 1989*, S. Chisla, N. Blau, ed., Walter de Gruyter, Berlin, New York **1990**, 3-9.
  31. Pteridines XCIII: Reactions of 6-chloro and 6,7-dichloro-1,3-dimethylumazines with N-nucleophiles

- K. Abou-Hadeed, B. Schulz, W. Pfeleiderer, *Pteridines* **1989**, *1*, 133-142.
32. A new route to pyrazolo[3,4-*e*]-1,2,4-triazines  
K. U. Sadek, K. Abou-Hadeed, A. H. H. Elghandour, *Liebigs Ann. Chem.* **1989**, *5*, 501.
33. Bilindionostilbenoparacyclophanes mimic the spectroscopic properties of photo-receptors for bacterial oxygenic photosynthesis  
K. Abou-Hadeed, P. Nesvadba, A. Gossauer, *Chimia* **1988**, *42*, 282.
34. Basecatalyzed *Lossen* rearrangement and acidcatalyzed *Beckmann* rearrangement with *N*-(arylsulphonyloxy)-naphthalene-2,3-dicarboximides  
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35. Some reactions of *N*-(aroyloxy)- and *N*-(aryl-carbamoyloxy)-naphthalene-2,3-dicarboximides  
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36. Reactivity of 6,7-dichloro-1,3-dimethylumazine  
K. Abou-Hadeed, W. Pfeleiderer, Chemistry and biology of pteridines, J. A. Blair ed., Walter de Gruyter Berlin, New York **1983**, 493-498.
37. Reactions with heterocyclic amidines, X: Synthesis of some new azolythiourea derivatives  
S. M. Fahmy, M. K. A. Ibrahim, K. Abou-Hadeed, M. H. Elnagdi, H. H. S. Alnima, *Arch. Pharm.* **1982**, *315*, 791.