

Curriculum Vitae

Personal information **Wouter Iwema Bakker**

Work experience

1. Employer: Medicines Evaluation Board
 - Start date: 062013
 - End date:
 - Position: Quality Assessor
 - Activities: Assessment of the Quality dossier (M3) of CP, DCP, MRP, and national applications as well as variations.
 - Country: Netherlands
2. Employer: Pharma Plexus Holland
 - Start date: 102011
 - End date: 102012
 - Position: Senior scientist
 - Activities: Medicinal Chemistry Research for Reumatoid Arthritis
 - Country: Netherlands
3. Employer: Solvay Pharmaceuticals (Abbott)
 - Start date: 111999
 - End date: 072011
 - Position: Senior Scientist
 - Activities: Medicinal Chemistry Research for CNS applications
 - Country: Netherlands
4. Employer: Organon Laboratories
 - Start date: 081997
 - End date: 101999
 - Position: Scientist
 - Activities: Medicinal Chemistry Research and Parallel Synthesis
 - Country: United Kingdom
5. Employer: Solvay Pharmaceuticals
 - Start date: 111995
 - End date: 071997
 - Position: Industrial Post_doc
 - Activities: Parallel Synthesis
 - Country: Netherlands

Education and training

1. Subject: University of Twente
 - Start date: 011989
 - End date: 081993
 - Qualification: PhD
 - Organisation: Organic chemistry research. Title Thesis: Towards the medical application of Calixspherands
 - Country: Netherlands
2. Subject: University of Amsterdam
 - Start date: 091983
 - End date: 101988
 - Qualification: Master Chemistry
 - Organisation: Final year: Organic Chemistry
 - Country: Netherlands

Additional information

Publications

1. Calixspherands as Ligands for the Complexation of Radioactive Rubidium₈₁, W. I. Iwema Bakker, D. N. Reinhoudt; In New Separation Chemistry Techniques for Radioactive Waste and Other Specific Applications; L. Cecille, M. Casarci, L. Pietrelli, Eds.; Elsevier Applied Science: London, 1991; 142 – 149. 2. A conformational Study of the Calixspherand and its Complexes with Alkali_{metal} Cations; L. C. Groenen, J. A. J. Brunink, W. I. Iwema Bakker, S. Harkema, S. S. Wijmenga, D. N. Reinhoudt; J. Chem. Soc., Perkin Trans. 2 1992, 1899 – 1906. 3. Calixarenes, Chemical Chameleons; E. van Dienst, W. I. Iwema Bakker, J. F. J. Engbersen, W. Verboom, D. N. Reinhoudt; Pure Appl. Chem. 1993, 65, 387 – 392. 4. A General Method for the Determination of the Kinetic Stability of Macrocyclic Alkali_{metal} Complexes with Rates of Decomplexation below 10⁻³ s⁻¹; W. I. Iwema Bakker, M. Haas, H. J. den Hertog, jr., W. Verboom, D. de Zeeuw, D. N. Reinhoudt; J. Chem. Soc., Perkin Trans. 2 1994, 11 – 14. 5. Kinetically Stable Silver Complexes of Calixspherands; W. I. Iwema Bakker, W. Verboom, D. N. Reinhoudt; J. Chem. Soc., Chem. Commun. 1994, 71 – 72. 6. Kinetically Stable Complexes of Alkali Cations with Calixspherands: An Evaluation of Shielding; W. I. Iwema Bakker, M. Haas, C. Khoo-Beattie, R. Ostaszewski, S. M. Franken, H. J. den Hertog, jr., W. Verboom, D. de Zeeuw, S. Harkema, D. N. Reinhoudt; J. Am. Chem. Soc. 1994, 116, 123 – 133. 7. Functionalized Calixspherands: Synthesis and Peptide Coupling; W. I. Iwema Bakker, M. Haas, H. J. den Hertog, jr., W. Verboom, D. de Zeeuw, A. P. Bruins, D. N. Reinhoudt; J. Org. Chem. 1994, 59, 972 – 976. 8. Lithium Diisopropylamide (LDA); W. I. Iwema Bakker, P. L. Wong, V. Snieckus; In The Encyclopedia of Reagents for Organic Synthesis, L. A. Paquette, Ed.; Wiley: New York, 1995; 3096 – 3104. 9. Intramolecular Anionic Friedel-Crafts Equivalents. An Expedient Synthesis of 4H_{1,2}-Benzothiazin_{4-one} 1,1_{-Dioxides} from N-Arylsulfonylated Amino Acids, W. I. Iwema Bakker, O. B. Familoni, J. Padfield, V. Snieckus; Synlett 1997, 1079 – 1080. 10. The Suzuki-Miyaura Cross Coupling Reactions on solid Support. Link To Solution Phase Directed ortho Metalation. The Leznoff Acetal Linker Approach to Biaryl and Heterobiaryl Aldehydes, S. Chamoin, S. Houldsworth, C. G. Kruse, W. I.

Iwema Bakker, V. Snieckus; Tetrahedron Lett. 1998, 39, 4179 – 4182. 11. Design and Synthesis of a Maximally Diverse and Druglike Screening Library Using REM Resin Methodology; D. Barn, W. Caulfield, P. Cowley, R. Dickins, W. Iwema Bakker, R. McGuire, J. Richard Morphy, Z. Rankovic, M. Thorn; J. Comb. Chem. 2001, 3, 534 – 541. 12. Synthesis of 2_substituted piperazines via direct $\square$ lithiation, M. Berkheij, L. van der Sluis, C. Sewing, D. J. den Boer, J. W. Terpstra, H. Hiemstra, W. I. Iwema Bakker, A. van den Hoogenband, J. H. van Maarseveen; Tetrahedron Lett. 2005, 46, 2369 – 2371. 13. Piperazinyl oxime ethers as NK_1 receptor antagonists, A. van den Hoogenband, J. H. van Maarseveen, A. C. McCreary, A. T. Mulder, G. J. M. van Scharrenburg, H. H. van Stuivenberg, T. J. J. Zethof, B. Zijta, W. I. Iwema Bakker; Bioorg. Med. Chem. Lett. 2006, 16(4), 1045 – 1048. 14. An efficient one_pot synthesis of novel 4_aryl_1methyloxindoles, A. van den Hoogenband, J. H. M. Lange, W. I. Iwema Bakker, J. A. J. den Hartog, J. van Schaik, R. W. Feenstra, J. W. Terpstra; Tetrahedron Lett. 2006, 47, 4361 – 4364. 15. N'_(arylsulfonyl)pyrazoline_1_carboxamides as novel, neutral 5_hydroxytryptamine 6 receptor (5-HT6R) antagonists with unique structural features, A. van Loevezijn; J. Venhorst; W. I. Iwema Bakker; C. de Korte; W. de Looft; S. Verhoog; J._W. van Wees; M. van Hoeve; R. van de Woestijne; M. van der Neut; A. Borst; M. van Dongen; N. de Bruin; H. Keizer; C. G. Kruse; J. Med. Chem., 2011, 54(20), 7030–7054. Patent applications 1. Piperazine Oxime Derivatives Having NK_1 Receptor Antagonistic Activity, J. H. van Maarseveen, G. J. M. van Scharrenburg, M. Th. M. Tulp, A. C. McCreary, W. I. Iwema Bakker, H. K. A. C. Coolen, A. H. J. Herremans, A. van den Hoogenband WO03006459 = EP1406894 = US7094779. 2. Diazabicyclo Alkane Derivatives with NK_1 Antagonistic Activity, H. K. A. C. Coolen, M. B. Hesselink, W. I. Iwema Bakker, A. C. McCreary, D. de Boer, G. D. Kuil, J. H. van Maarseveen, G. J. M. van Scharrenburg WO03084955 = EP1495022 = US7202238. 3. Hexa_ and Octahydro_pyrido[1,2_a]pyrazine Derivatives with NK_1 Antagonistic Activity, W. I. Iwema Bakker, G. J. M. van Scharrenburg, A. van den Hoogenband, A. C. McCreary WO05030214 = US7244734 = EP1663238 4. Anethole Dithiolethione and other Dithiolethiones for the Treatment of Conditions Associated with Dysfunction of Monoamine Neurotransmission, B. Drukarch, A. N. M. Schoffemeer, R. W. Feenstra, M._O. Christen, J._L. Burgot, M. Chollet, W. I. Iwema Bakker, B. J. van Vliet, M. Th. M. Tulp WO06089861 = EP1858875 = US2006194971. 5. 4,5_Dihydro_(1H)_pyrazole derivatives as cannabinoid CB1 receptor modulators, J. H. M. Lange, W. I. Iwema Bakker, B. J. van Vliet, M. A. W. van der Neut WO07071662 = EP1966146 US20070142362. 6. Sulfonylpyrazole and Sulfonylpyrazoline carboxamide derivatives as 5-HT6 antagonists, W. I. Iwema Bakker, H. G. Keizer, M. A. W. van der Neut, C. G. Kruse, A. van Loevezijn, J. Zorgdrager WO08034863 = EP2069310 = US7728018 7. Arylsulfonyl pyrazoline carboxamide derivatives as 5-HT6 antagonists, A. van Loevezijn, W. I. Iwema Bakker, A. Stoit, A. A. M. Rensink, J. Venhorst, M. A. W. van der Neut, M. de Haan, C. G. Kruse, WO09115515. 8. (Thio)morpholine derivatives as S1P modulators. W. I. Iwema Bakker, H. K. A. C. Coolen, H. Mons, A. Stoit, E. Ronken, E. van der Kam, J. Frankena. WO11023795. 9. Fused heterocyclic derivatives as S1P modulators. P. Smid, W. I. Iwema Bakker, H. K. A. C. Coolen, L. A. J. M. Sliedregt, M. J. P. van Dongen, J. A. J. den Hartog, WO2012004373. 10. Bisaryl (thio)morpholine derivatives as S1P modulators. W. I. Iwema Bakker, R. Bronger, WO2012004375. 11. Spiro_cyclic amine derivatives as S1P modulators. A. Stoit, W. I. Iwema Bakker, H. K. A. C. Coolen, M. J. P. van Dongen, N. J._L. D. Leflemme, WO2012004378. 12. Heterocyclic nuclear hormone receptor modulators. K. Cusack, M. Friedman, T.D. Thomas, M. E. Hayes, M.Z. Hoemann, D.C. Ihle, W.I. Iwema Bakker, G.Y. Lo Schiavo, G.K. Somal, B. Li, WO2014094357 = US2014179676

Projects

Memberships

Royal Dutch Chemical Society (KNCV)

Other Relevant Information