

CURRICULUM VITAE

WILLIAM A. DONALDSON

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EXPERIENCE

Estrigenix Therapeutics, Inc.
President & CEO, May 2021-present

Marquette University, Klingler College of Arts and Sciences
Associate Dean, August 2010-June 2014

Responsibilities: Graduate Programs, Faculty Development/Mentoring, College Profile Coordinate with the Graduate School and other Colleges within Marquette on Research Infrastructure needs and funding. Assist the Dean with budget and facility planning for Mathematics and Science Departments. Assist the Dean with long-range planning for undergraduate recruitment and retention. Administer Mellon Grant and other teaching and research development grant programs. Administer the A&S Scholarship Funds. Coordinate with University Office of Marketing and Communications for College publicity and other print materials. Coordinate with the Marquette Dental School, the College of Health Sciences and University Admissions for the Pre-Dental Scholars program. Serve as A&S liaison to the Mitchem Fellows committee, to the A&S Student Council and the A&S MU Student Government Senators. Serve as A&S representative on the Conflict of Interest Committee. Coordinate advisors for the Prestigious Fellowships program. Facilitated College visioning discussions on Leadership and Research as a prelude to Strategic Planning.

Marquette University, Department of Chemistry
Professor Emeritus, 2021-present
Professor, 1996-2021
Associate Professor, 1990-1996
Assistant Professor, 1983-1990

Research: Submitted proposals and annual progress reports to NIH, NSF and PRF. Effectively managed research grant budgets. Wrote and submitted manuscripts. Directed research of 12 postdocs, 16 Ph.D., 15 M.S., and 26 B.S. students.

Teaching: Developed and taught undergraduate courses in general (100-200 student size), organic (25 and 250 student size) and inorganic chemistry, and graduate courses in organic synthesis, organometallic chemistry, and organic spectroscopy.

Department/College Service: Over a 38-year period served on and chaired numerous Department committees including Research Activities, Undergraduate Curriculum, Graduate Curriculum, Graduate Admission, Faculty Search, and Department Advisory

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committees. Served as Math. & Nat'l Sciences Representative to University Promotion and Tenure Committee (2003-2008). Served on A&S Dean Search Committee (2009).

Scientific Service: Referee for numerous journals (ca. 15 manuscripts/year) and for proposals from PRF and NSF (ca. 6-12/year). Ad-hoc member of NIH NRSA study section (14 times). Study Section F04A Chairperson (Nov. 2014-present). Ad-hoc member of NIH SBCB study section (02/07). NSF Review Panel (10/09). Reviewer for THECB Norman Hackerman Research Grants (2009-10), Editorial Advisory Boards of *Mini-Reviews in Organic Chemistry* (2003-present) and *Reports in Organic Chemistry* (2011-present). Evaluation of Promotion/tenure external to Marquette (15 cases). Program Chair 2006 ACS Great Lakes Regional Mtg.

Wesleyan University, Department of Chemistry
Visiting Assistant Professor, 1982-1983

Brandeis University, Department of Chemistry
Postdoctoral Research Associate, 1981-1982

EDUCATION

Dartmouth College, Hanover, NH Ph.D., Organometallic Chemistry, 1981
Dissertation: "Investigations of Cobalt Complexes Containing Four-Membered Carbocyclic Rings", Advisor: Prof. Russell P. Hughes

Wesleyan University, Middletown, CT B.A., Chemistry, with Honors, 1977
Thesis: "The Reduction by Mercury of α,α' -Dibromocycloalkanones",
Advisor: Prof. Albert J. Fry

HONORS

- * 1995 Recipient of the Rev. John P. Raynor, S.J., Faculty Award for Teaching Excellence from Marquette University
- * 1990-1991 Alexander von Humboldt Research Fellow, Philipps Universität-Marburg, Germany
- * 1988 Recipient of the Edward D. Simmons Award for Junior Faculty Excellence from Marquette University
- * 2009 Senior Award for Teaching Excellence and Developmental Guidance, Marquette University
- * 2010 Milwaukee Section American Chemical Society Award
- * 2015, Visiting Professor, University of Strathclyde, Glasgow, Scotland
- * 2019, Visiting Professor, University of Strathclyde, Glasgow, Scotland
- * 2021, Recipient of the Laurence G. Haggerty Faculty Award for Research Excellence from Marquette University

BOOK CHAPTERS

- 4) W.A. Donaldson, "Organometallic complexes of dienes and polyenes", *invited chapter* in The Chemistry of Dienes and Polyenes, Vol. 2, ed. Z. Rappoport, John Wiley & Sons, Ltd., London, **2003**, pp 885-989. (7 citations)
- 3) W.A. Donaldson, "Metal Olefin, Diene and Dienyl Complexes in Organic Synthesis: Complexation of Dienes for Protection", *invited chapter* in Comprehensive Organometallic Chemistry II, eds. E.W. Abel, F.G.A. Stone, and G. Wilkinson, Pergamon/Elsevier Press, **1995**, Vol. 12, pp 623-35. (11 citations)
- 2) J.R. Green and W.A. Donaldson, "Iron: Organometallic Chemistry", *invited chapter* in Encyclopedia of Inorganic Chemistry, ed. R.B. King, John Wiley & Sons, Ltd., London, **1995**, Vol. 4, pp 1735-1784. (0 citations)
- 1) W.A. Donaldson, "Palladium Mediated Methylene-cyclopropane Ring Opening: Applications to Organic Synthesis", *invited chapter* in "Advances in Metal-Organic Chemistry", ed. L. Leibeskind, JAI Press, Inc., Groton, CT, **1991**, pp 269-293. (14 citations)

PUBLICATIONS

- 128) E. A. Wetzel, G. C. Corriero, S. Brown-Ford, D. S. Sem and W. A. Donaldson, "Synthesis and evaluation of (1,4-disubstituted)-1,2,3-triazoles as estrogen receptor beta agonists", *Sci. Pharm.* **2022**, *90*, 46.
- 127) E. A. Wetzel, K. J. Marks, A. A. Gleason, S. Brown-Ford, T.-E. Reid, S. Chaudhury, S. Lindeman, D. S. Sem and W. A. Donaldson, "Discovery of two novel (4-hydroxyphenyl) substituted polycyclic carbocycles as potent and selective estrogen receptor beta agonists", *Bioorg. Med. Chem. Lett.* **2022**, *73*, 128906.
- 126) M. F. El-Mansy and W. A. Donaldson, "Recent advances in the synthesis of taxoids: 2015-2020", *ARKIVOC* **2021**, (v), 110-137.
- 125) A. W. Fleischer, J. C. Schalk, E. A. Wetzel, A. M. Hanson, D. S. Sem, W. A. Donaldson and K. M. Frick, "Chronic oral administration of a novel estrogen receptor beta agonist enhances memory and alleviates drug-induced vasodilation in young ovariectomized mice", *Horm. Behav.* **2021**, *130*, 104984.
- 124) W. A. Donaldson, "Synthesis of Spliceostatins and Thailanstatins: A Review", *Beilstein J. Org. Chem.* **2020**, *16*, 1991-2006. (0 citations)
- 123) E. A. Wetzel, A. M. Hanson, C. L. Troutfetter, D. J. Burkett, D. S. Sem and W. A. Donaldson, "Synthesis and evaluation of 17 α -triazolyl and 9 α -cyano derivatives of estradiol", *Bioorg. Med. Chem.* **2020**, *28*, 115670. (0 citations)
- 122) D. J. Burkett, B. N. Wyatt, M. Mews, A. Bautista, R. Engel, C. Dockendorff, W. A. Donaldson and M. St. Maurice, "Evaluation of α -hydroxycinnamic acids as pyruvate carboxylase inhibitors", *Bioorg. Med. Chem.* **2019**, *27*, 4041-4047. (1 citation)

- 121) K. L. I. S. Perera, A. M. Hanson, S. Lindeman, A. Imhoff, X. Lu, D. S. Sem and W. A. Donaldson, "Synthesis and Evaluation of 4-Cycloheptylphenols as Selective Estrogen Receptor- β Agonists (SERBAs)", *Eur. J. Med. Chem.* **2018**, *157*, 791-804. (1 citation)
- 120) Y. Ma, S. Lindeman and W. A. Donaldson, "Dicarbonyl{[(*E,E*)-(2,3,4,5- η)-6-methoxy-6-oxo-2,4-hexadienyl]triphenylphosphonium}(triphenylphosphine- κP)iron(1+) hexafluoridophosphate", *IUCrData* **2018**, *3*, x180902. (1 citation)
- 119) A. M. Hanson, K. L. I. S. Perera, J. Kim, R. K. Pandey, N. Sweeney, X. Lu, A. Imhoff, A. C. Mackinnon, A. J. Wargolet, R. M. Van Hart, K. M. Frick, W. A. Donaldson and D. S. Sem, "A-C Estrogens as Potent and Selective Estrogen Receptor-Beta Agonists (SERBAs) to Enhance Memory Consolidation under Low-Estrogen Conditions", *J. Med. Chem.* **2018**, *61*, 4720-4738. (6 citations)
- 118) W. A. Donaldson, "Recent Progress in the Synthesis of Six-membered Aminocyclitols (2008-2017)", *ARKIVOC* **2018**, (*iv*), 231-256. (4 citations)
- 117) P. B. Greer and W. A. Donaldson, "Synthesis of a Liner Fragment Containing the C23-C26 Stereocenters of Phorboxazole: A Flexible Molecule with Defined Conformation", *Lett. Org. Chem.* **2018**, *15*, 472-478. (0 citations)
- 116) Y. Ma, Y. K. Yun, J. Wondergem, A. Sar, J. R. Gone, S. Linderman and W. A. Donaldson, "Reactivity of (1-methoxycarbonylpentadienyl)iron(1+) cations with hydride, methyl, and nitrogen nucleophiles", *Tetrahedron* **2017**, *73*, 4493-4500. (2 citations)
- 115) S. Chaudhury, S. Li and W. A. Donaldson, "Reactivity of (3-Methylpentadienyl)iron(1+) Cation: Late-stage Introduction of a (3-Methyl-2Z,4-pentadien-1-yl) Side Chain", *Mediterranean J. Chem.* **2016**, *5*, 540-547. (0 citations)
- 114) D. W. Lee, C. F. Manful, J. R. Gone, Y. Ma and W. A. Donaldson, "Reactivity of acyclic (pentadienyl)iron(1+) cations with phosphonate stabilized nucleophiles: application to the synthesis of oxygenated metabolites of carvone", *Tetrahedron* **2016**, *72*, 753-759. (2 citation)
- 113) S. Lindeman, N. J. Wallock and W. A. Donaldson, "Crystal structure of *cis*-2-(2-carboxycyclopropyl)glycine (CCG-III) monohydrate", *Acta Cryst. E* **2015**, *71*, 844-846. (0 citations)
- 112) L. Liu, J. L. Wondergem and W. A. Donaldson, "Synthetic Studies of Ambruticin: Preparation of the C1-C8 Tetrahydropyran and the C17-C24 Dihydropyran Segments", *Mediterranean J. Chem.* **2015**, *4*, 176-184. (0 citations)
- 111) M. F. El-Mansy, M. Flister, S. Lindeman, K. Kalous, D. S. Sem and W. A. Donaldson, "Generation of Molecular Complexity from Cyclooctatetraene: Preparation of Aminobicyclo[5.1.0]octitols", *Chem. Eur. J.* **2015**, *21*, 10886-10895. (3 citations)
- 110) C. F. Manful and W. A. Donaldson, "Preparation of cyclohexenones from acyclic (pentadienyl)-iron(1+) cations: Synthetic studies directed toward the A-ring of dihydrotachysterols", *Eur. J. Org. Chem.* **2014**, 6787-6795. (1 citation)

- 109) C. McCullough, T. S. Neumann, J. R. Gone, Z. He, C. Herrild, J. Wondergem, R. K. Pandey, W. A. Donaldson and D. S. Sem, "Probing the human estrogen receptor-a binding requirements for phenolic mono- and di-hydroxyl compounds: a combined synthesis, binding and docking study", *Bioorg. Med. Chem.* **2014**, *22*, 303-310. (5 citations)
- 108) M. F. El-Mansy, A. Sar, S. Lindeman and W. A. Donaldson, "Generation of molecular complexity from cyclooctatetraene. Preparation of optically active protected aminocycloheptitols and bicyclo[4.4.1]undecatriene", *Chem. Eur. J.* **2013**, *19*, 2330-2336. (8 citations)
- 107) M. F. El-Mansy, A. Sar, S. Chaudhury, N. J. Wallock and W. A. Donaldson, "Generation of molecular complexity from cyclooctatetraene using dienylium and olefin metathesis methodology", *Org. Biomol. Chem.* **2012**, *10*, 4844-4846. (4 citations)
- 106) K. Glaeske and W. A. Donaldson, "Recent Applications of the Simple Hydrocarbon Cyclooctatetraene as a Starting Material for Complex Molecule Synthesis", *Mini-Reviews in Organic Chemistry*, **2012**, *9*, 31-43. (5 citations)
- 105) D. W. Lee, R. K. Pandey, S. Lindeman and W. A. Donaldson, "Reactivity of acyclic (pentadienyl)iron(1+) cations: Synthetic studies directed toward the frondosins", *Org. Biomol. Chem.* **2011**, *9*, 7742-7747. (8 citations)
- 104) A. Sar, S. Lindeman and W. A. Donaldson, "Synthesis of Hydroxy- and Polyhydroxy-Substituted 1,3-Diaminocyclohexanes", *Synthesis* **2011**, 924-928. (3 citations)
- 103) R. K. Pandey, S. Lindeman and W. A. Donaldson, "A shortened synthesis of optically pure tricarbonyl(methyl 6-oxo-2,4-hexadienoate)iron leading to improved yield", *ARKIVOC*, **2010**, (iv), 25-31. (0 citations)
- 102) A. Sar, S. Lindeman and W. A. Donaldson, "Denovo synthesis of polyhydroxy aminocyclohexanes", *Org. Biomol. Chem.* **2010**, 3908-3917. (8 citations)
- 101) W. A. Donaldson and S. Chaudhury, "Recent Applications of Acyclic (Diene)iron Complexes and (Dienyl)iron Cations in Organic Synthesis", *Eur. J. Org. Chem.* **2009**, 3831-3843. (19 citations)
- 100) J. R. Gone, N. J. Wallock, S. Lindeman and W. A. Donaldson, "Synthetic studies directed toward guianolides: An organoiron route to the 5,7,5 tricyclic ring system", *Tetrahedron Lett.* **2009**, *50*, 1023-1025. (15 citations)
- 99) P. Kommana, S. W. Chung and W. A. Donaldson, "Synthetic studies directed toward amphidinol 2: Elucidation of the relative configuration of the C1-C10 fragment", *Tetrahedron Lett.* **2008**, *49*, 6209-6211. (6 citations)
- 98) R. K. Pandey, L. Wang, N. J. Wallock, S. Lindeman and W. A. Donaldson, "Reactivity of (2-Alkenyl-3-pentene-1,5-diyl)iron Complexes: Preparation of Functionalized Vinylcyclopropanes and Cycloheptadienes", *J. Org. Chem.* **2008**, *73*, 7236-7245. (12 citations)
- 97) T. A. Siddiquee, J. M. Lukesh, S. Lindeman and W. A. Donaldson, "Synthesis of Cyclopropanes via Organoiron Methodology: Preparation of *rac*-Dysibetaine CPa", *J. Org. Chem.*, **2007**, *72*, 9802-9803. (16 citations)

- 96) S. Chaudhury, S. Lindeman and W. A. Donaldson, "Generation of Molecular Complexity from Cyclooctatetraene: Synthesis of a Protected 2-(3'-Carboxy-2'-benzoylcyclopentyl)glycine", *Tetrahedron Lett.*, **2007**, 48, 7849-7852. (4 citations)
- 95) S. Chaudhury, S. Li, D. W. Bennett, T. A. Siddiquee, D. T. Haworth and W. A. Donaldson, "Preparation, Characterization and Reactivity of (3-Methylpentadienyl)iron(1+) Cations", *Organometallics*, **2007**, 26, 5295-5303. (9 citations)
- 94) R. K. Pandey, S. Lindeman and W. A. Donaldson, "Synthesis of Cyclopropanes via Organoiron Methodology: Stereoselective Preparation of Bi(cyclopropyl)s", *Eur. J. Org. Chem.* **2007**, 3829-3831. (9 citations)
- 93) F. Ahmed and W. A. Donaldson, "Chemistry and Biology of Streptogramin A Antibiotics", *Mini-Reviews in Organic Chemistry* **2007**, 4, 159-181. (7 citations)
- 92) S. S. Templin, N. J. Wallock, D. W. Bennett, T. A. Siddiquee, D. T. Haworth and W. A. Donaldson, "Cycloaddition Reactions of Phthalimide Substituted Cyclic Polyenes with Heteroatom Dienophiles", *J. Heterocyclic Chem.* **2007**, 44, 719-724. (6 citations)
- 91) N. J. Wallock, D. W. Bennett, T. A. Siddiquee, D. T. Haworth and W. A. Donaldson, "Synthesis of Cyclopropanes via Organoiron Methodology: Preparation and Rearrangement of Divinylcyclopropanes; Studies Directed Toward the Synthesis of Hydroazulenes", *Synthesis*, **2006**, 3639-3646. (13 citations)
- 90) S. Chaudhury, S. Li and W. A. Donaldson, "Synthetic studies directed toward the proposed structure for heteroscyphic acid A", *Chem. Comm.* **2006**, 2069-2070. (10 citation)
- 89) S. Chaudhury and W. A. Donaldson, "Nucleophilic Addition to (3-Methylpentadienyl)iron(1+) Cations: Counterion Control of Regioselectivity; Application to the Enantioselective Synthesis of 4,5-Disubstituted Cyclohexenones", *J. Am. Chem. Soc.* **2006**, 128, 5984-5985. (15 citations)
- 88) D. W. Bennett, T. A. Siddiquee, D. T. Haworth, S. Chaudhury and W. A. Donaldson, "Crystal and molecular structure of bis(8-phenylmenthyl) 2-(2-methyl-5-oxo-3-cyclohexen-1-yl)propandioate, C₄₂H₅₄O₅·CH₃CN", *J. Chem. Cryst.* **2006**, 36, 777-780. (1 citation)
- 87) J. M. Lukesh and W. A. Donaldson, "A Short Synthesis of the Common Dihydropyran Segment of the Antifungal Agents Ambruticin and Jerangolid A", *Tetrahedron Lett.* **2005**, 46, 5529-5531. (9 citations)
- 86) N. J. Wallock and W. A. Donaldson, "Synthesis of Cyclopropanes via Organoiron Methodology: Preparation and Rearrangement of Divinylcyclopropanes", *Org. Lett.* **2005**, 7, 2047-2049. (23 citations)
- 85) F. Ahmed, Y. Cao and W. A. Donaldson, "Development of Organoiron Methodology for the C8-C16 Dienylamine Segment of the Streptogramin Antibiotics", *Lett. Org. Chem.* **2005**, 2, 222-225. (4 citations)
- 84) J. M. Lukesh and W. A. Donaldson, "Synthesis of Cyclopropanes via Organoiron Methodology: Preparation of the C9-C16 Alkenylcyclopropane Segment of Ambruticin", *Chem. Comm.* **2005**, 110-112. (23 citations)

- 83) Z. He, C. S. Yi, and W. A. Donaldson, "Ruthenium Catalyzed Hydrovinylation of Dienoates: Model Studies Directed Toward the C10-C18 Segment of Ambruticin ", *Synlett* **2004**, 1312-1314. (20 citations)
- 82) N. J. Wallock and W. A. Donaldson, "Reactivity of (Bicyclo[5.1.0]octadienyl)iron(1+) Cations: Application to the Synthesis of *cis*-2-(2'-carboxycyclopropyl)glycines", *J. Org. Chem.* **2004**, *69*, 2997-3007. (17 citations)
- 81) S. Chaudhury, W. A. Donaldson, D. W. Bennett, D. T. Haworth, T. A. Siddiquee, and J. M. Kloss, "Synthesis and Reactivity of tricarbonyl(1-methoxycarbonyl-5-phenylpentadienyl)iron (1+) cation", *J. Organomet. Chem.* **2004**, *689*, 1437-1443. (9 citations)
- 80) S. Li and W. A. Donaldson, "Enantioselective Synthesis of the C7-C24 Segment of Macrolactin A", *Synthesis*, **2003**, 2064-2068. (23 citations)
- 79) F. Ahmed and W. A. Donaldson, "Synthesis and Reactivity of Ethyl 2-Vinyl-1,3-oxazole-4-carboxylate", *Syn. Commun.* **2003**, *33*, 2685-2693. (2 citations)
- 78) D. W. Bennett, T. A. Siddiquee, K. L. Murphy, D. T. Haworth, Z. He, and W. A. Donaldson, "Crystal and molecular structure of a steroidal spirocyclic lactone, C₂₉H₃₂O₄", *J. Chem. Cryst.* **2003**, *33*, 897-902. (0 citations)
- 77) D. W. Bennett, T. A. Siddiquee, D. T. Haworth, N. J. Wallock, and W. A. Donaldson, "Crystal and molecular structure of *N*-(bicyclo[5.1.0]octa-3,5-dien-2-yl)phthalimide", *J. Chem. Cryst.* **2003**, *33*, 209-211. (2 citations)
- 76) Z. He, C. S. Yi, and W. A. Donaldson, "Regio- and Stereoselective Ruthenium Catalyzed Hydrovinylation of 1,3-Dienes: Application to the Generation of a 20S-Steroidal Sidechain", *Org. Lett.* **2003**, *5*, 1567-1569. (54 citations)
- 75) J. M. Lukesh and W. A. Donaldson, "Synthesis of (+)-Decarestrictine L", *Tetrahedron: Asymmetry* **2003**, *14*, 757-762. (14 citations)
- 74) Y. K. Yun, K. Godula, Y. Cao, and W. A. Donaldson, "Iron mediated Preparation of Vinylcyclopropanes. Scope, Mechanism, and Applications", *J. Org. Chem.* **2003**, *68*, 901-910. (43 citations)
- 73) Y. Cao, A. F. Eweas, and W. A. Donaldson, "Enantioselective Synthesis of the C11-C17 Segment of Soraphen A_{1α} via Organoiron Methodology", *Tetrahedron Lett.* **2002**, *43*, 7831-4. (12 citations)
- 72) P. B. Greer and W. A. Donaldson, "Synthetic Studies Directed Toward the Phorboxazoles: Preparation of the C3-C15 Bisoxane Segment and Two Stereoisomers", *Tetrahedron* **2002**, *58*, 6009-18. (34 citations)
- 71) N. J. Wallock, and W. A. Donaldson, "Synthesis of cyclopropanes via organoiron methodology: stereoselective preparation of *cis*-2-(2'-carboxycyclopropyl)glycine", *Tetrahedron Lett.* **2002**, *43*, 4541-3. (10 citations)

- 70) W. A. Donaldson, "Synthesis of cyclopropane containing natural products", *Tetrahedron*, **2001**, *57*, 8589-8627. (523 citations)
- 69) M. A. Hossain, M.-J. Jin, and W. A. Donaldson, "Reactivity of (Pentadienyl)iron(1+) Cations with Weak Carbon Nucleophiles", *J. Organomet. Chem.* **2001**, *630*, 5-10. (14 citations)
- 68) Y. Yun, H. Bärmann, and W. A. Donaldson, "Synthesis and Reactivity of Tricarbonyl(1-ethoxy-carbonyl-2-methylpentadienyl)iron(1+) Cation", *Organometallics* **2001**, *20*, 2409-12. (8 citations)
- 67) K. Godula, H. Bärmann, and W. A. Donaldson, "An Efficient and Simple Synthesis of Optically Pure Tricarbonyl(methyl 6-oxo-2,4-hexadienoate)iron", *J. Org. Chem.* **2001**, *66*, 3590-2. (11 citations)
- 66) K. Godula, and W. A. Donaldson, "Synthesis of cyclopropanes via organoiron methodology: preparation of 2-(2'-carboxy-3'-ethylcyclopropyl)glycine", *Tetrahedron Lett.* **2001**, *42*, 153-4. (26 citations)
- 65) K. H. Dötz, W. A. Donaldson and W. Sturm, "Reaction of Alkynes with Tetracarbonyl[methoxy-(2,4-dimethoxyphenyl)carbene]chromium: A Formal Synthesis of 7-Methoxyeleutherin", *Syn. Comm.*, **2000**, *30*, 3775-84. (5 citations)
- 64) W. A. Donaldson, "Stoichiometric Applications of Acyclic π -Organoiron Complexes to Organic Synthesis", *Curr. Org. Chem.*, **2000**, *4*, 851-882. (42 citations)
- 63) V. Prahlad, A. S. El-Ahl, and W. A. Donaldson, "Reaction of Tricarbonyl(dienal)iron Complexes with β -Allyldiisopinocampheylborane", *Tetrahedron: Asymmetry* **2000**, *11*, 3091-3102. (15 citations)
- 62) P. B. Greer and W. A. Donaldson, "Phorboxazole Synthetic Studies: the C3-C15 Bis-oxane Segment", *Tetrahedron Lett.*, **2000**, *41*, 3801-3. (33 citations)
- 61) H. Bärmann, V. Prahlad, C. Tao, Y. K. Yun, Z. Wang and W. A. Donaldson, "Development of Organoiron Methodology for Preparation of the Polyene Natural Product Macrolactin A", *Tetrahedron*, Symposium-in-Print on Organotransition Metal Complexes in Organic Synthesis, **2000**, *56*, 2289-95. (27 citations)
- 60) A. S. El-Ahl, Y. K. Yun and W. A. Donaldson, "Synthesis and Reactivity of Acyclic (Pentadienyl)iron(1+) Cations: Model Studies for the Preparation of the 8E,10Z,16E,18E-Tetraene Segment of Macrolactin A", *Inorg. Chim. Acta*, (Topical Volume on Metals in Organic Chemistry), **1999**, *296*, 261-6. (7 citations)
- 59) B. Dasgupta and W. A. Donaldson, "Synthetic Studies Directed Toward Streptenol D: Enantioselective Preparation of the 3,5-Diacetoxy-6E,8E-decadiene Segment", *Tetrahedron Asymmetry*, **1998**, *9*, 3781-8. (15 citations)
- 58) J.T. Wasicak and W.A. Donaldson, "Enantioselective Synthesis of the C3-C9 Segment of Protomycinolide IV", *Tetrahedron Asymmetry*, **1998**, *9*, 133-40. (3 citations)

- 57) V. G. Young, Jr., P. J. Kleindl, and W. A. Donaldson, "Crystal Structure of Tricarbonyl(η^4 -2,3-dihydro-2-(2'-methylene-1',3'-propanediyl)-4-pyrone]iron", *Bull. Soc. Chim. Belg.*, **1997**, *106*, 175-6. (1 citation)
- 56) B. Dasgupta and W. A. Donaldson, "Chemoselective, Metal-mediated Oxidation of (Dienol)iron Complexes with N-methyl morpholine N-oxide", *Tetrahedron Lett.* **1998**, *39*, 343-6. (16 citations)
- 55) W. A. Donaldson, C. D. Cushnie, S. Guo, M. J. Kramer, and D. W. Bennett, "Synthesis and Characterization of Tricarbonyl(trimethylenemethane)iron Complexes; Crystal Structure of (2-Methylene-6-p-nitrobenzoyloxy-heptan-1,3-diyl)Fe(CO)₃", *Transition Met. Chem.*, **1997**, *22*, 592-6. (7 citations)
- 54) W.A. Donaldson, L. Shang, C. Tao, Y.K. Yun, M. Ramaswamy, and V.G. Young, Jr., "Reactivity of 1-Substituted (Pentadienyl)iron(1+) Cations: Regioselectivity for Addition of Malonate Nucleophiles; Formation of (Pentenediyl)- and (Diene)iron Complexes", *J. Organometal. Chem.*, **1997**, *539*, 87-98. (31 citations)
- 53) P.T. Bell, B. Dasgupta and W.A. Donaldson, "Remote Diastereoselective Control via Organoiron Methodology: Stereoselective Preparation of 4,6-, 5,7- and 6,8-dien-2-ol (Tricarbonyl)iron Complexes", *J. Organometal. Chem.*, **1997**, *538*, 75-82. (21 citations)
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