

P. Andrew Evans, Publications

Books:

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1. “Modern Rhodium-Catalyzed Organic Reactions” Ed. P. A. Evans, Wiley-VCH: Weinheim, 2005.

Organic Reactions:

9. Organic Reactions, Ed’s P. A. Evans and J. K. Cha, Wiley, 2022, Vol 109, *in press*.
8. Organic Reactions, Ed’s P. A. Evans, P. R. Blakemore, M. C. Kozłowski and K. H. Shaughnessy, Wiley, 2021, Vol 108, pp 1004.
7. Organic Reactions, Ed’s P. A. Evans, D. M. Huryn and S. M. Weinreb, Wiley, 2021, Vol 107, pp 1131.
6. Organic Reactions, Ed’s P. A. Evans and S. M. Weinreb, Wiley, 2021, Vol 106, pp 1378.
5. Organic Reactions, Ed’s P. A. Evans, S. E. Denmark and D. G. Hall, Wiley, 2021, Vol 105, pp 906.
4. Organic Reactions, Ed’s P. A. Evans, G. A. Molander and S. M. Weinreb, Wiley, 2020, Vol 104, pp 916.
3. Organic Reactions, Ed’s P. A. Evans, J. Montgomery, J. Aubé and J. B. Johnson, Wiley, 2020, Vol 103, pp 1370.
2. Organic Reactions, Ed’s P. A. Evans and J. K. Cha, Wiley, 2020, Vol 102, pp 978.
1. Organic Reactions, Ed’s P. A. Evans and S. M. Weinreb, Wiley, 2020, Vol 101, pp 977.

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3. P. A. Inglesby and P. A. Evans in “Comprehensive Organic Synthesis II” Eds. G. A. Molander and P. Knochel, Elsevier: Oxford, 2014, Vol. 5, pp 656-702.
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1. D. K. Leahy and P. A. Evans in “Modern Rhodium-Catalyzed Organic Reactions” Ed. P. A. Evans, Wiley-VCH: Weinheim, 2005, Ch. 10, pp 191-214.

Publications:

Independent Research:

130. A Unified Approach to the Enantioselective Total Synthesis of the Thapsigargin from (*R*)-(-)-Carvone”
M. Aeluri, D. Chen and P. A. Evans, *In Preparation*.
129. “Enantioselective Rhodium-Catalyzed Pauson-Khand Reaction of Chloro-1,6-Enynes at Room Temperature: Construction of Quaternary and Vicinal Stereogenic Centers”
M. P. Ylagan, H. Yu, D. E. Negru, P. Ricci, M.-H. Baik and P. A. Evans, *In Preparation*.
128. “Vanadium(1+), tri- μ -chlorohexakis(tetrahydrofuran)di-, di- μ -chlorotetrachlorodizincate(2-) (2:1)”
M. Aeluri and P. A. Evans, *Submitted*.
127. Kinetic Resolution of Alkenyl Cyanohydrins: Stereoselective Construction of *E*- and *Z*-Tetrasubstituted Alkenes
J. Majhi, J. Park, H. Ryu, M.-H. Baik and P. A. Evans, *Submitted*.
126. “Palladium-Catalyzed Cross-Coupling of Cyanohydrins with Aryl Bromides: Construction of Biaryl Ketones”
J. Majhi, B. Zhou, Y. Zhuang, H. Dai and P. A. Evans, *Submitted*.
125. “Asymmetric Rhodium-Catalyzed Allylic Substitution Reactions with Nitrile-Stabilized Carbanions”
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T. B. Wright and P. A. Evans, *Chem. Rev.* **2021**, *120*, 9196.
123. “Diastereoselective Intramolecular Rhodium-Catalyzed [(3+2+2)] Carbocyclization Reactions with Tethered Alkynylidenecyclopropanes: Synthesis of the Tremulane Sesquiterpene Natural Products”
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121. “Regio- and Diastereoselective Rhodium-Catalyzed Allylic Substitution with Unstabilized Benzyl Nucleophiles”
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Patents:

4. U.S. Patent No.: US 11,168,064 B2
Inventors: P. Andrew Evans and Dezhi Chen
Title: Synthesis of Thapsigargin, Nortrilobolide, and Analogs Thereof
Issue Date: November 9, 2021.
3. U.S. Provisional Patent Application No.: 62/547,254
Inventors: Rebecca Grange, John Allingham, Andrew Craig and Andrew Evans
Title: Cytotoxic Actin-Targeting Compounds
Filing Date: August 18, 2017
2. International Patent Application No.: PCT/CA2018/050369
Inventors: Andrew Evans and Dezhi Chen
Title: Synthesis of Thapsigargin, Nortrilobolide, and Analogs Thereof
Filing Date: March 27, 2018.
1. International Patent Application No.: PCT/CA2018/051000
Inventors: Rebecca Grange, John Allingham, Andrew Craig, Andrew Evans and Madhu Aeluri
Title: Cytotoxic Actin-Targeting Compounds
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