

Javier Read de Alaniz

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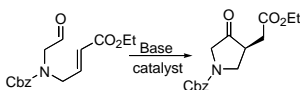
Education

Colorado State University, Fort Collins, CO (08/00-06/06)
Ph. D. Chemistry, Organic Chemistry
Advisor: Professor Tomislav Rovis

Fort Lewis College, Durango, CO (09/96-05/99)
B. S. Chemistry (*Cum Laude*)
Advisor: Professor Ted Bartlett

New Mexico Highlands University, Las Vegas, NM (09/94-05/96)

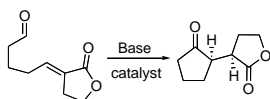
Experience



Colorado State University, Fort Collins, CO
Graduate Research Assistant (05/01-06/06)

- Research directed toward the development of a catalytic asymmetric Stetter reaction plus mechanistic investigations.

Graduate Teaching Assistant (08/00-05/01, 08/03-12/03)

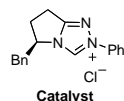


Ribozyme Pharmaceuticals Inc., Boulder, CO
Research Assistant (10/99-05/00)

- Studies aimed at a scalable and efficient synthesis of 2'-amino nucleoside phosphoramidites.

Purdue University, West Lafayette, IN
Undergraduate Research Assistant (05/98-08/98)

- Examination of the Baylis-Hillman reaction of fluorinated aldehydes and ketones.



Fort Lewis College, Durango, CO
Undergraduate Research Assistant (05/97-08/97)

- Research directed toward the total synthesis of Grandisol.

Awards and Honors

University of California President's Postdoctoral Fellowship (07/06-present)
NIH Ruth L. Kirschstein Minority Pre-doctoral Fellowship (08/04-06/06)
Carl Storm Underrepresented Minority GRC conference (08/05)
NIH Minority Supplement (05/04-08/04)
PEAKS/AGEP Fellowship (NSF) (09/01-09/02)
SENNE Memorial Scholarship Chemistry Department Fort Lewis College (1997)

Publications

- 1) "Vinylaluminum of Fluoro-carbonyl Compounds." Ramachandran,* P. V.; Reddy, M. V. R.; Read de Alaniz, J. *Tetrahedron Lett.* **1998**, 39, 8791-8794.
- 2) "Scalable and Efficient Synthesis of 2'-Deoxy-2'-N-phthaloyl Nucleoside Phosphoramidites for Oligonucleotide Synthesis." Karpeisky,* A.; Sweedler, D.; Haerberli, P.; Read, J.; Jarvis, K.; Beigelman, L. *Bioorg. Med. Chem. Lett.* **2002**, 12, 3345-3347.
- 3) "A Highly Enantioselective Catalytic Intramolecular Stetter Reaction." Kerr, M. S.; Read de Alaniz, J.; Rovis,* T. *J. Am. Chem. Soc.* **2002**, 124, 10298-10299.
- 4) "Conversion of α -Halo-Aldehydes into Acylating Agents by an Internal Redox Reaction Catalyzed by Nucleophilic Carbenes." Reynolds, N. T.; Read de Alaniz, J.; Rovis,* T. *J. Am. Chem. Soc.* **2004**, 126, 9518-9519.
- 5) "A Highly Enantio- and Diastereoselective Catalytic Intramolecular Stetter Reaction." Read de Alaniz, J.; Rovis,* T. *Am. Chem. Soc.* **2005**, 127, 6284-6289.
- 6) "An Efficient Synthesis of Achiral and Chiral 1,2,4-Triazolium Salts: Bench Stable Precursors for N-Heterocyclic Carbenes" Kerr, M. S.; Read de Alaniz, J.; Rovis,* T. *J. Org. Chem.* **2005**, 70, 5725-5728.
- 7) "A New Stereocontrolled Synthesis of d,l-Grandisol." Bartlett,* W. R.; Carlson, J. L.; Cass, M.; Dillon, M. P.; Edstrom, E. D.; Goldblum, A. A.; Holloway, J.; Luedtke, G. R.; Murch, P.; Read de Alaniz, J.; Schultz, M.; Shepard, D. A.; Ryter, K.; Switzer, C. Y. Manuscript submitted.
- 8) "Scope and Mechanistic Investigation of the Intramolecular Stetter Reaction" Read de Alaniz, J.; Kerr, M. S.; Rovis,* T. Manuscript in preparation.
- 9) "Development of Chiral Triazolium salts and their application to the Intramolecular Stetter Reaction" Kerr, M. S.; Read de Alaniz, J.; Rovis,* T. Manuscript in preparation.
- 10) "Catalytic Asymmetric Stetter Reaction" Read de Alaniz, J.; Rovis,* T. Manuscript in preparation.

Presentations

- 1) "Expanding the Scope of a Highly Enantioselective Catalytic Intramolecular Stetter Reaction." Read de Alaniz, J.; Rovis, T. The 19th International Congress of Heterocyclic Chemistry; Fort Collins, CO, August 2003.
- 2) "A Highly Enantioselective Catalytic Intramolecular Stetter Reaction." Read de Alaniz, J.; Rovis, T. The 2003 SACNAS Conference (Society for Advancement of Chicanos/Latinos and Native Americans in Science), Albuquerque, NM, October 2003.
- 3) "A Highly Enantio- and Diastereoselective Intramolecular Stetter Reaction." Read de Alaniz, J.; Rovis, T. The 228th National Meeting of the American Chemical Society; Philadelphia, PA, August 2004.
- 4) "A Highly Enantio- and Diastereoselective Intramolecular Stetter Reaction." Read de Alaniz, J.; Rovis, T. Gordon Conference, Organic Reactions and Processes; Providence, RI, August 2005.
- 5) "A Highly Enantio- and Diastereoselective Intramolecular Stetter Reaction." Read de Alaniz, J.; Rovis, T. Pacificchem Conference; Honolulu, HI, December 2005.

References

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