



News and Press Releases

FTI Paper on Heterocycle Synthesis published in *Chemical Reviews*

Pittsburgh, June 1st, 2004

Fluorous technologies using fluororous phase tags combined with unique fluororous separation methods have become a powerful tool for solution-phase parallel and combinatorial syntheses. In a special issue of *Chemical Reviews* on Heterocycles published in May 2004, Dr. Wei Zhang, Director of Discovery Chemistry at FTI, published an article entitled "**Fluorous Synthesis of Heterocyclic Systems**" (2004, 104, 2531-2556).

This article includes over one hundred references summarizing the recent progress of heterocyclic synthesis using fluororous reagents, catalysts, scavengers, protecting groups, and tags. The paper also serves as a comprehensive general review of the current state of fluororous techniques in organic synthesis and separation, with discussion of fluororous-enhanced multicomponent reactions, microwave reactions, triphasic reactions, solid-phase synthesis of peptides and oligosaccharides, and mixture synthesis of natural products.

Fluorous Technologies, Inc. (FTI) is a chemical technology company dedicated to the development and commercialization of fluororous products for the life science market. The company uses its patented technology to solve synthesis and separation problems spanning the entire drug discovery and development process. Fluorous chemistry enhances a wide range of applications, including medicinal chemistry, combinatorial chemistry, catalysis, peptide and oligonucleotide production, and proteomics. For more information please visit www.fluorous.com

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