

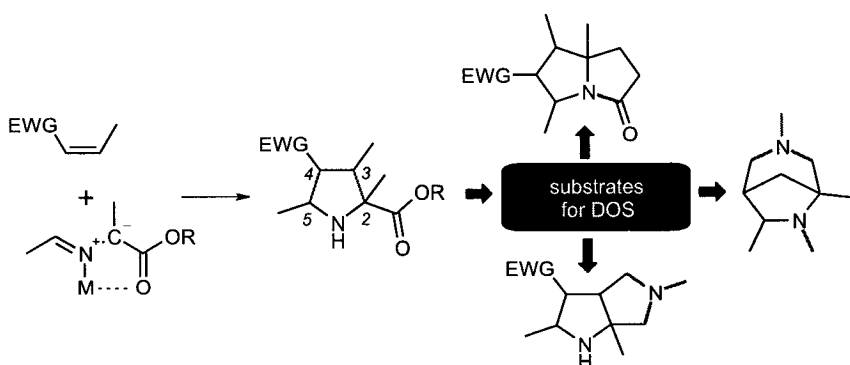
1, 3-Dipolar Cycloaddition of Azomethine Ylides as A Platform for Diversity-Oriented and Target-Oriented Syntheses of Biologically Active Compounds

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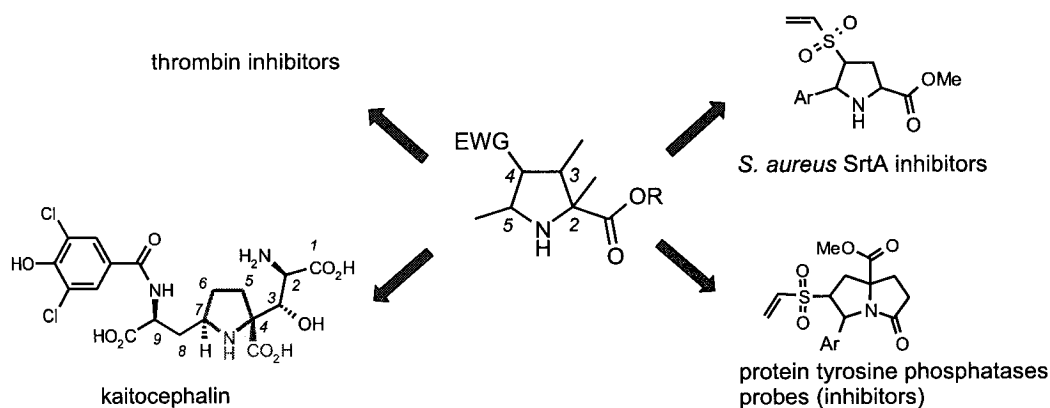
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1,3-Dipolar cycloaddition of azomethine ylides is an efficient strategy for the synthesis of pyrrolidine derivatives with formation of up to four new stereogenic centers in a single synthetic step. Application of functionalized pyrrolidines towards diversity (scheme 1) and target (scheme 2) syntheses will be discussed in the report based on the author's works [1-9].

Scheme 1.



Scheme 2.



Russian Foundation for Basic Research (grants 08-04-01800-a and 09-03-92011-HHC_a) is acknowledged for support of the author's research.

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