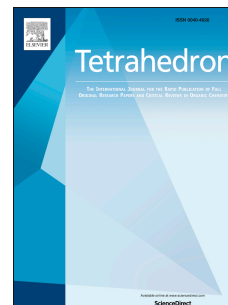


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Synthesis of Multi-Functional Alkenes via Wittig Reaction with a New-Type of Phosphorus Ylides

Yi-Ling Tsai, Siang-en Syu, Shu-Mei Yang, Utpal Das, Yu-Shiou Fan, Chia-Jui Lee, Wenwei Lin



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Graphical Abstract

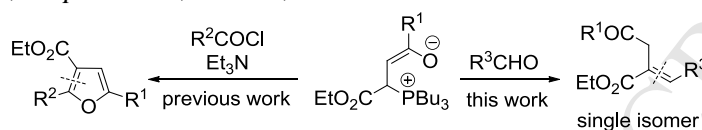
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Synthesis of Multi-Functional Alkenes

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via Wittig Reaction With a New-Type of Phosphorus Ylides

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An efficient synthesis of multi-function alkenes has been described starting from commercially available starting materials. Phosphorus ylide is the key intermediate in this approach. A plausible mechanism has been proposed and the products were further converted to pyridazinone derivatives.

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