

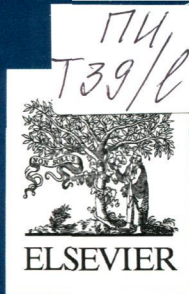
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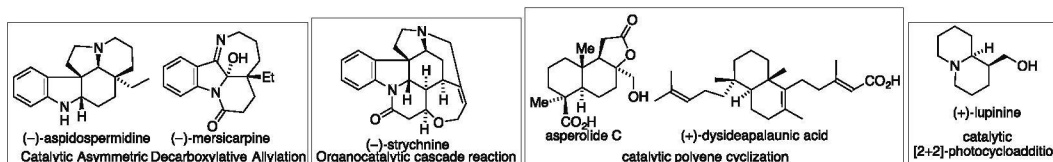
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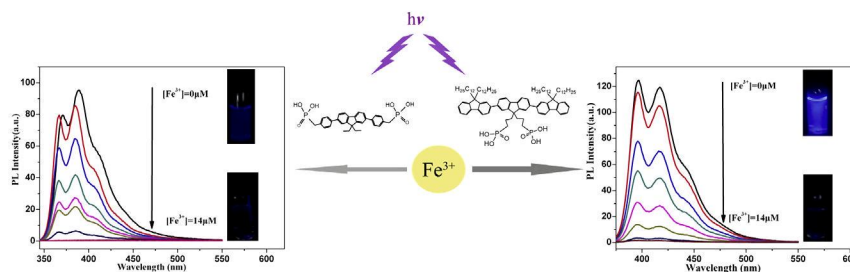


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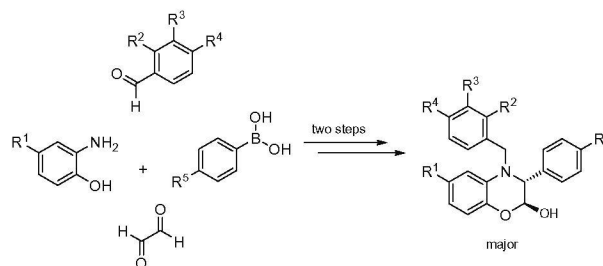
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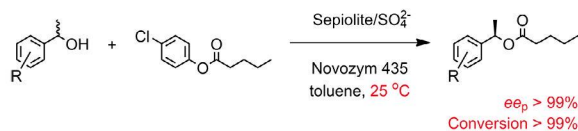
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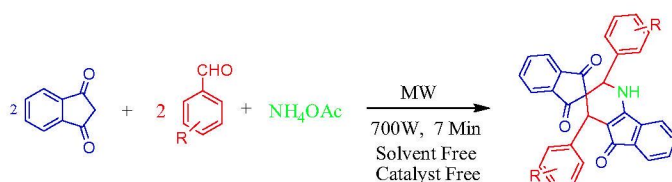
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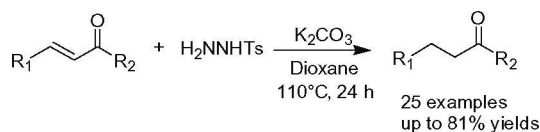


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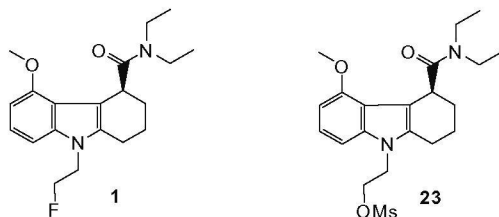


This work reports a novel approach for the transition metal-free conjugate reduction of α,β -unsaturated ketones to afford saturated ketones in good yields with tosylhydrazine as a hydrogen equivalent. The present protocol does not require the use of transition metal, and is efficient being applicable to a wide range of substrates (25 examples).


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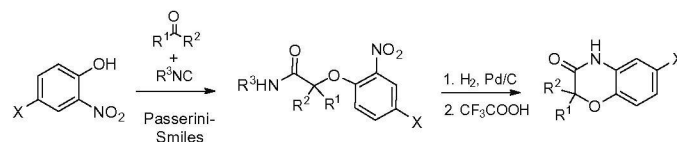
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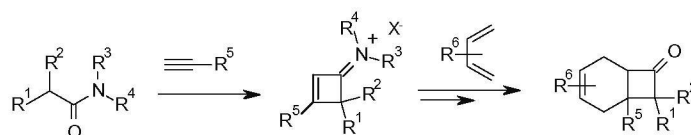
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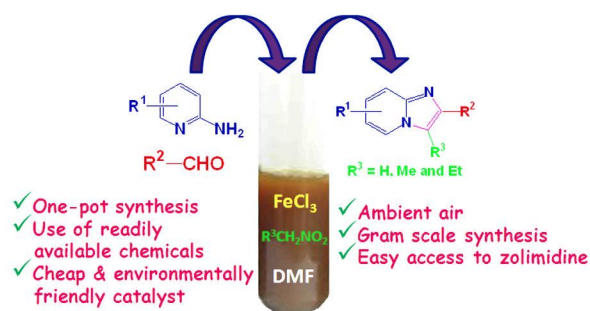
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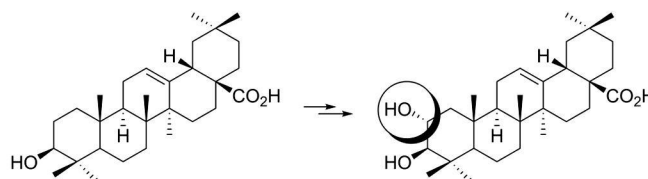
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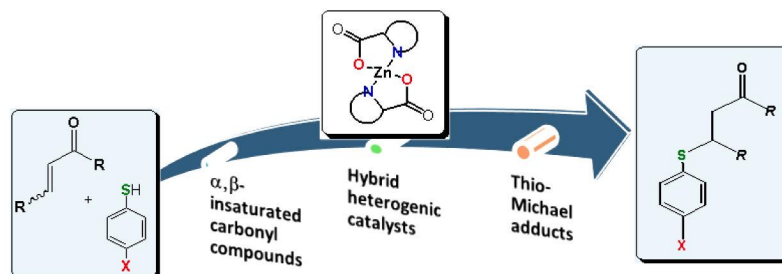


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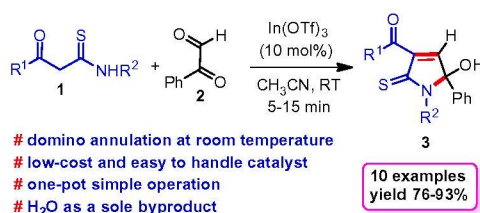
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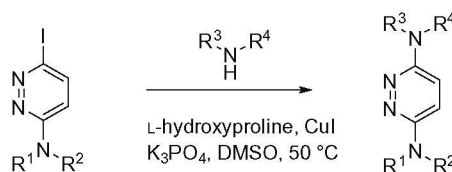
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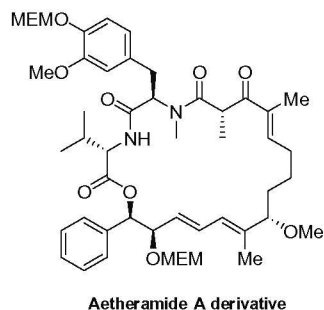
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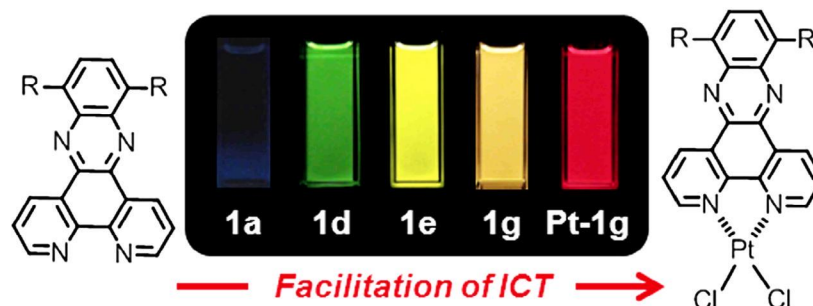
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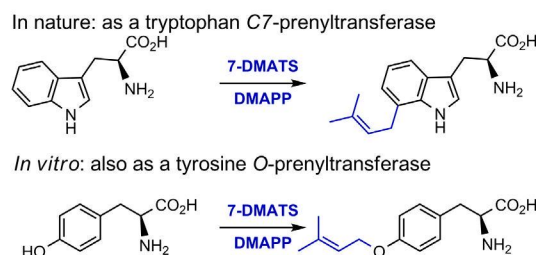
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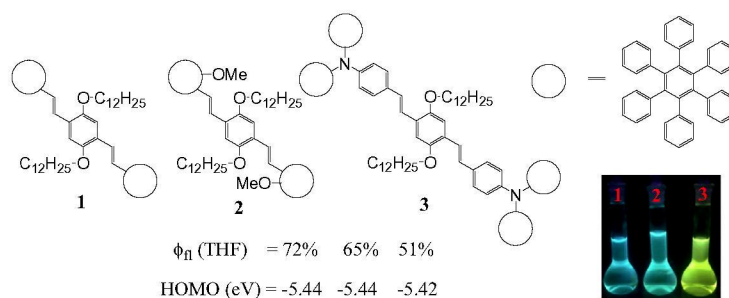
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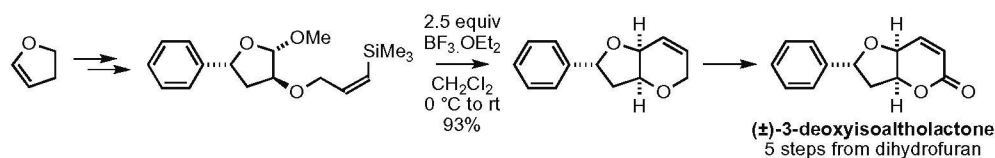
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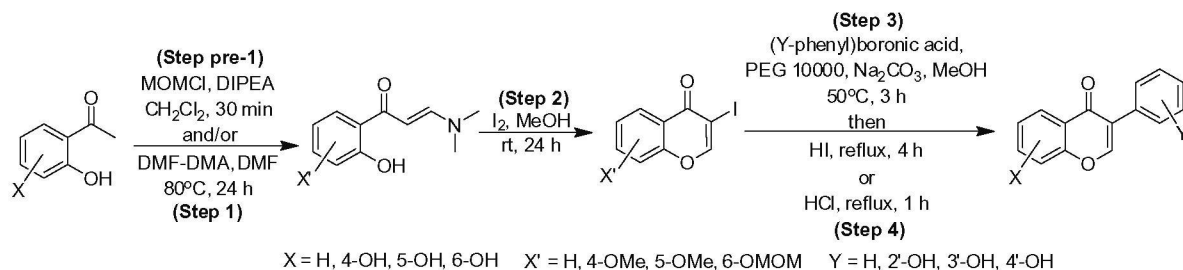
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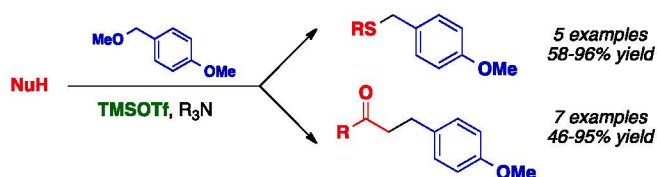
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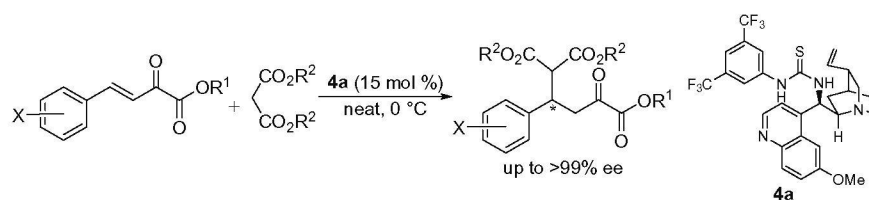
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
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*Corresponding author

 Supplementary data available via ScienceDirect

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