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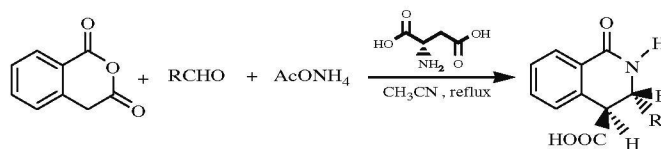
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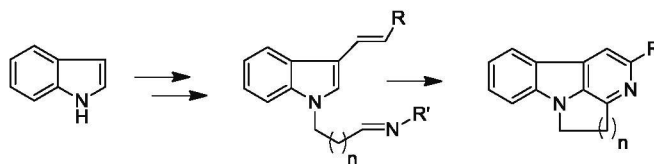
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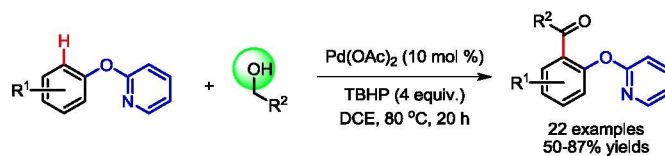
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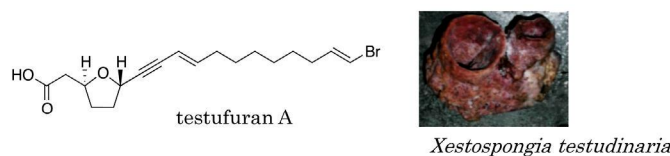
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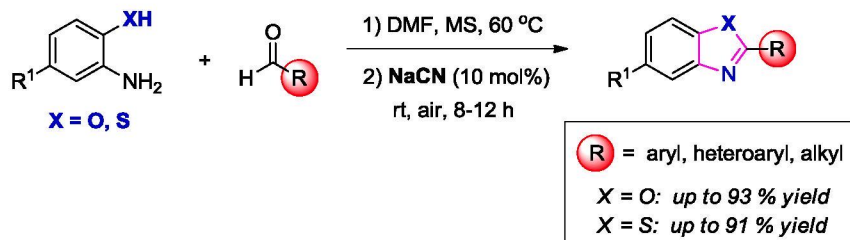
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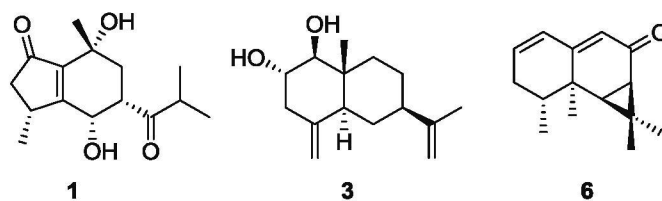
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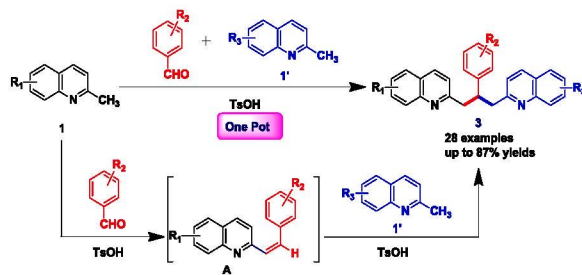
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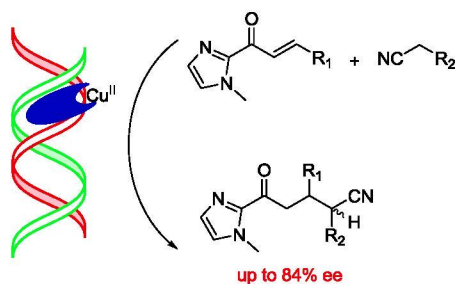
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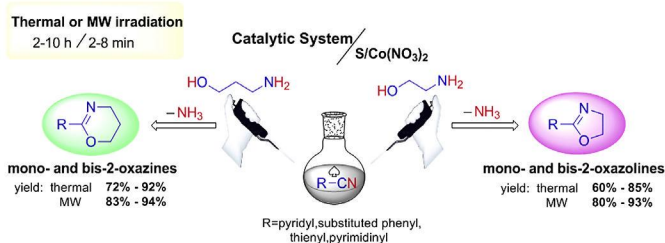
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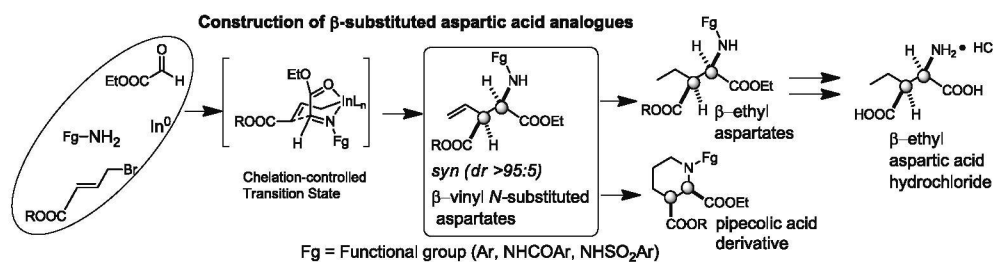
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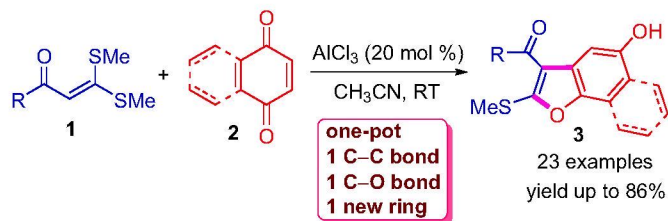
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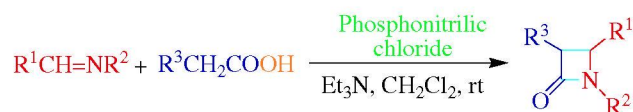
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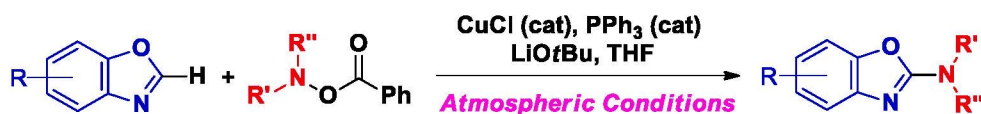
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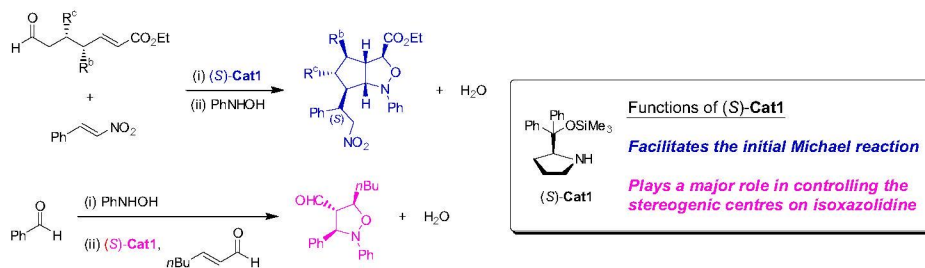
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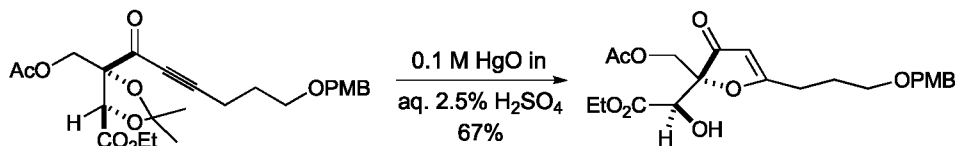
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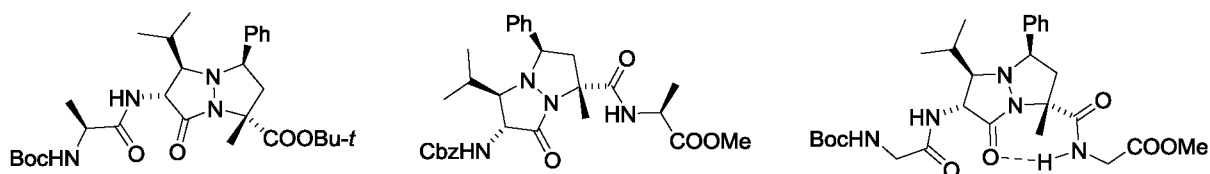
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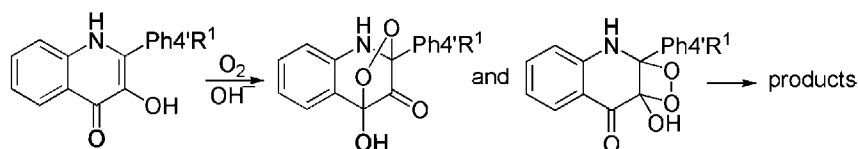
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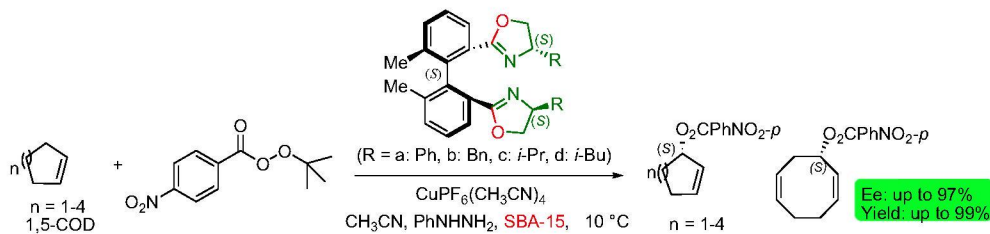
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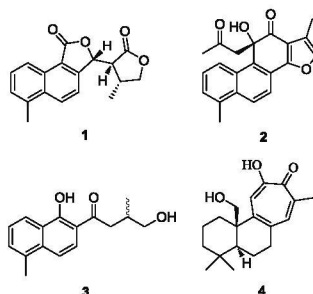
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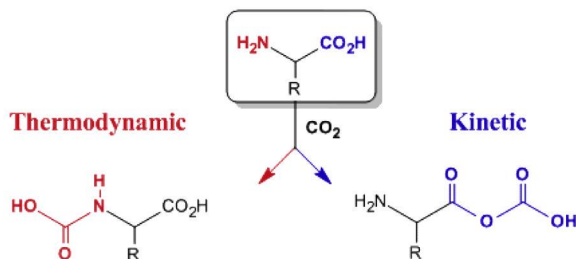
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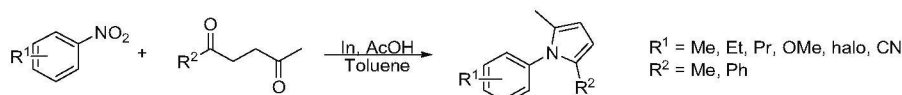


The $-\text{CO}_2\text{H}$ functional group in amino acids reversibly reacts with CO_2 more quickly than the $-\text{NH}_2$ group, generating the carbonic anhydride, $-\text{CO}_2\text{CO}_2\text{H}$.

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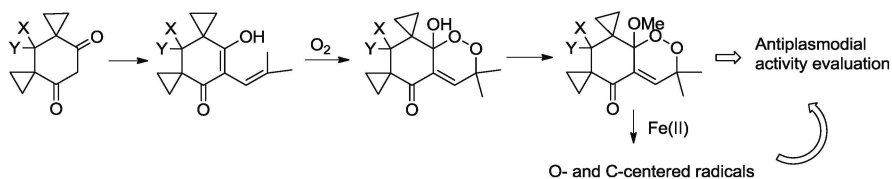
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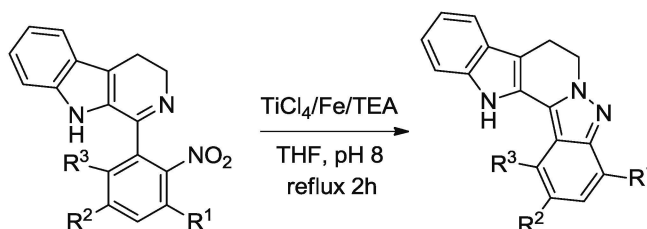
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