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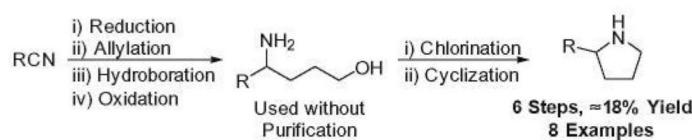
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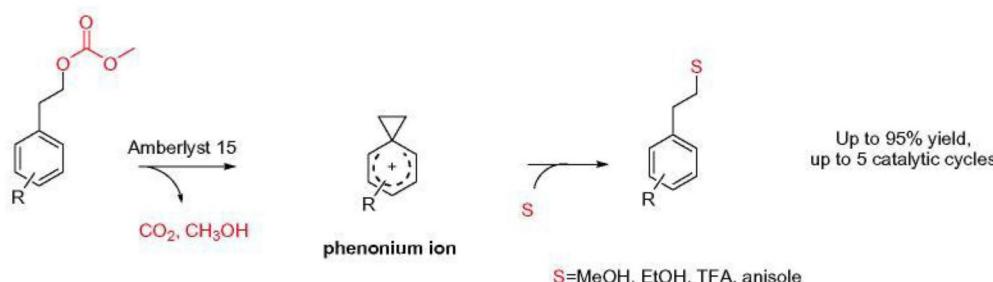
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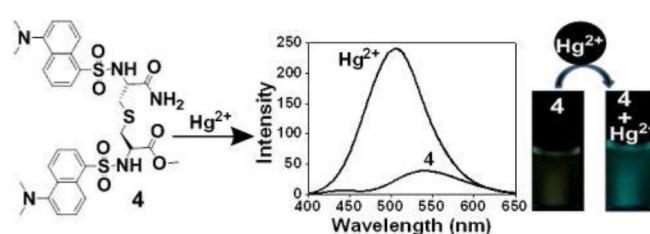
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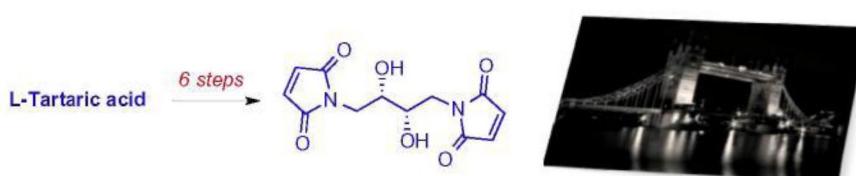
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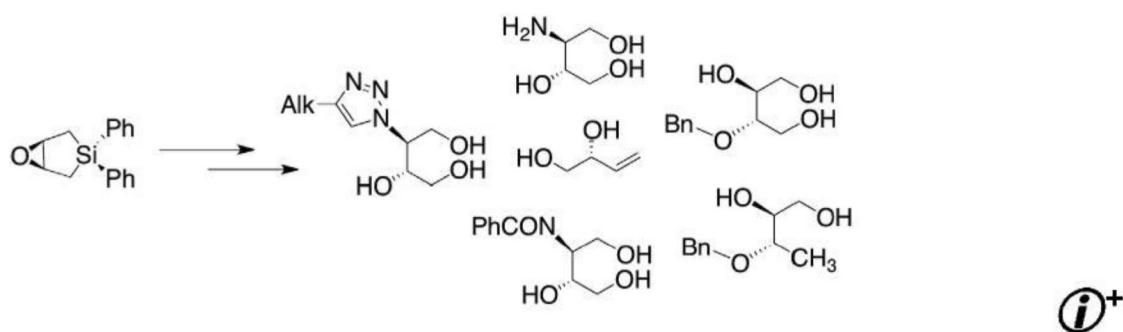
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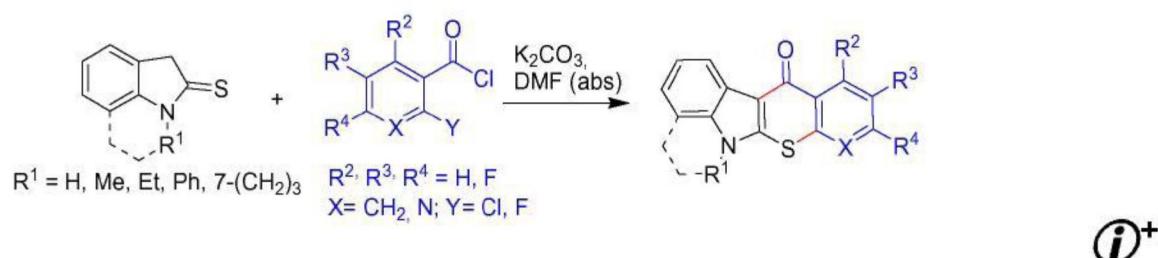
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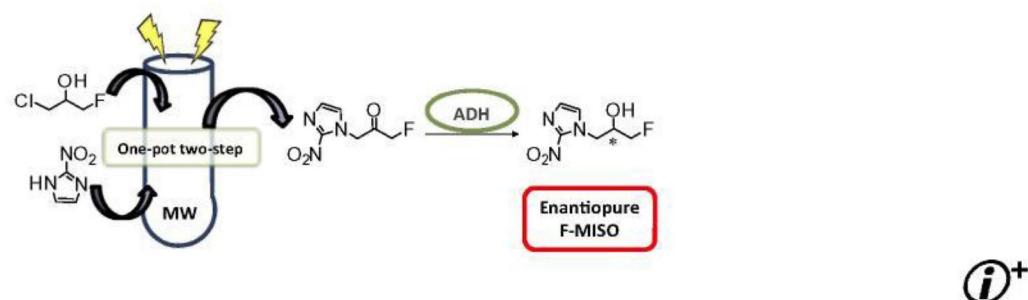
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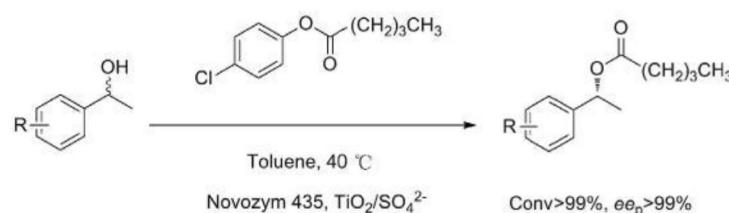
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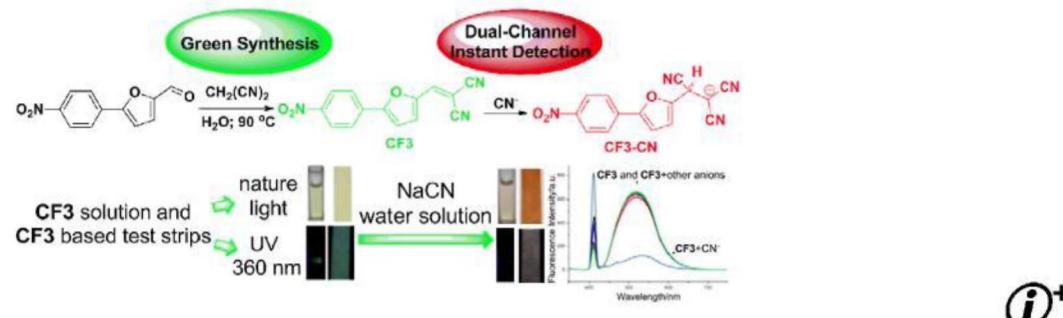
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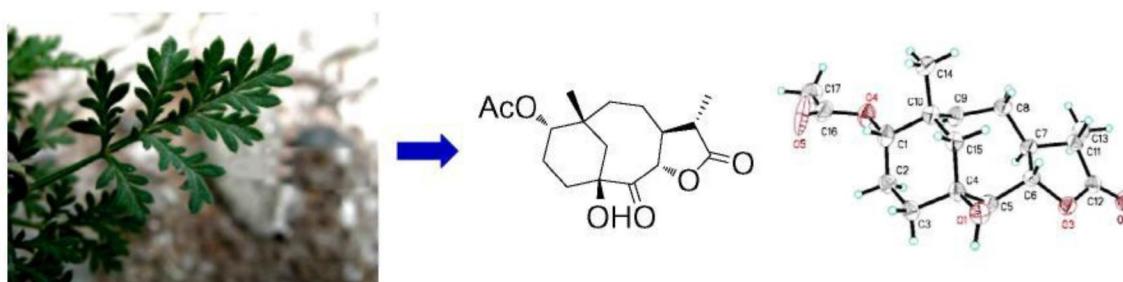
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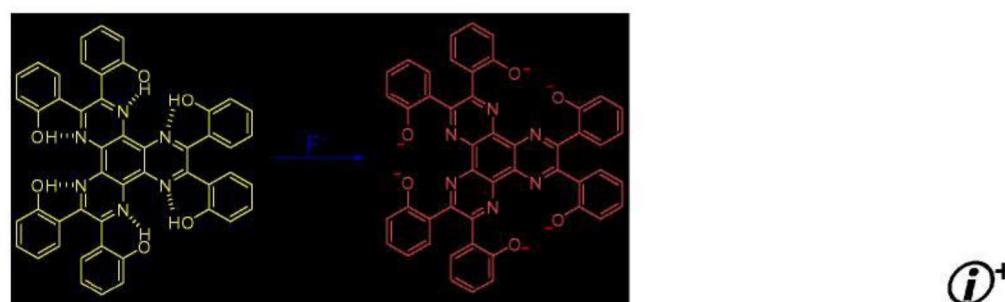
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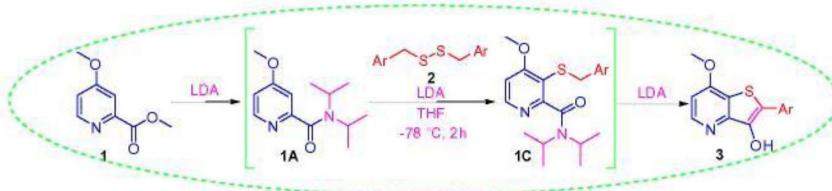
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A novel one-pot synthesis of 7-methoxy-2-arylthieno[3,2-*b*]pyridine-3-ols in domino fashion

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Srinu Puvvala, Vinod D. Jadhav*, Sheikh M. Farooq, Balaram Patro, Ch. Venkata Ramana Reddy

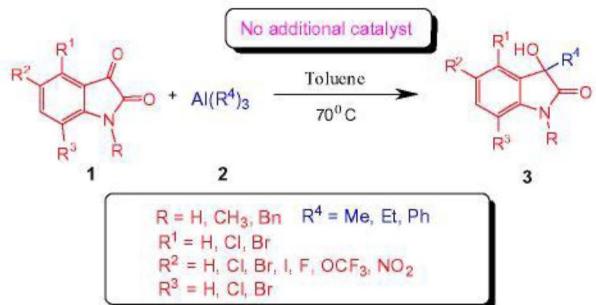


A simple and efficient synthesis of 7-methoxy-2-arylthieno[3,2-*b*]pyridine-3-ols was achieved using a novel one-pot LDA-promoted domino reaction. Although this class of compounds are not very well represented in the literature, similar skeletons are of immense biological importance. A few closely related compounds are reported with multi-step syntheses using harsh conditions and longer reaction time.

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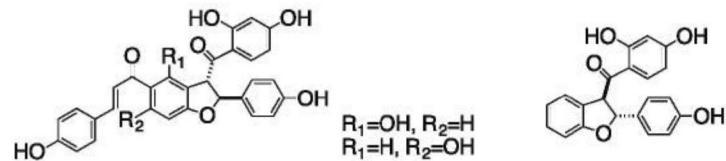
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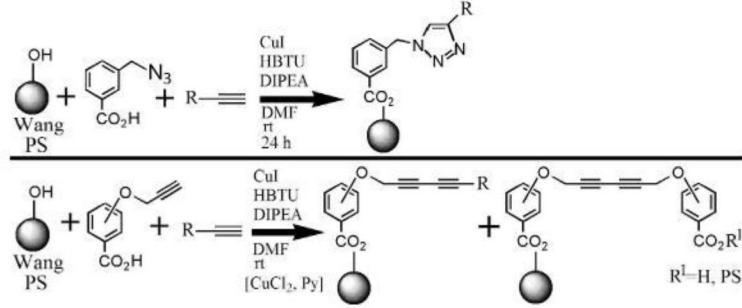
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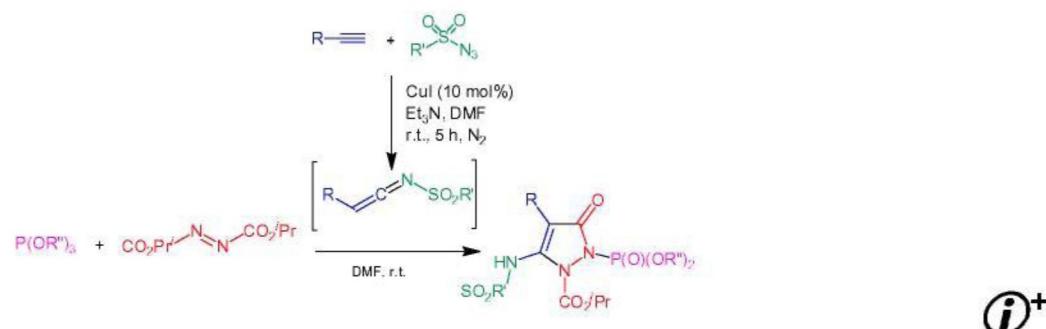
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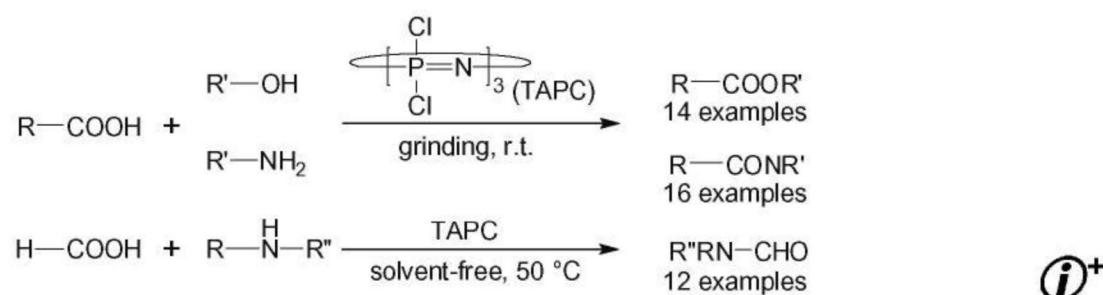
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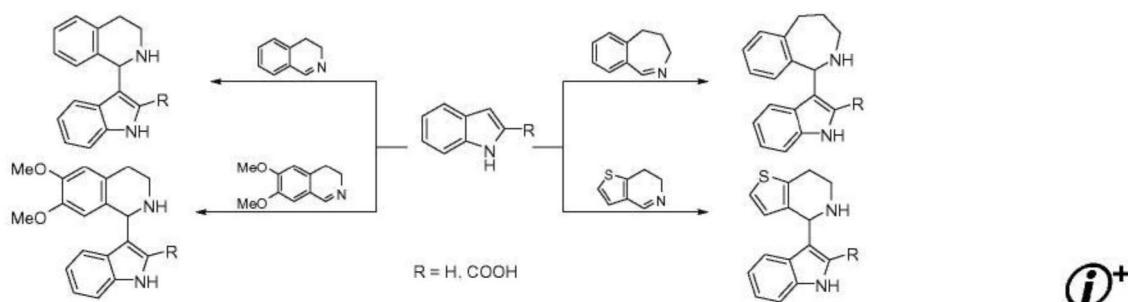
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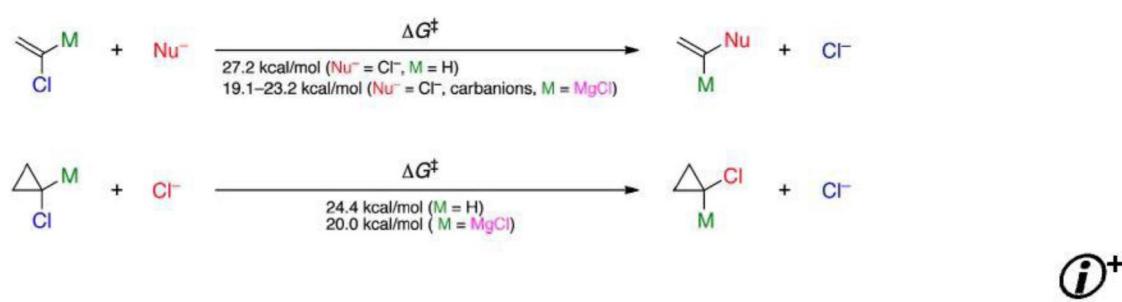
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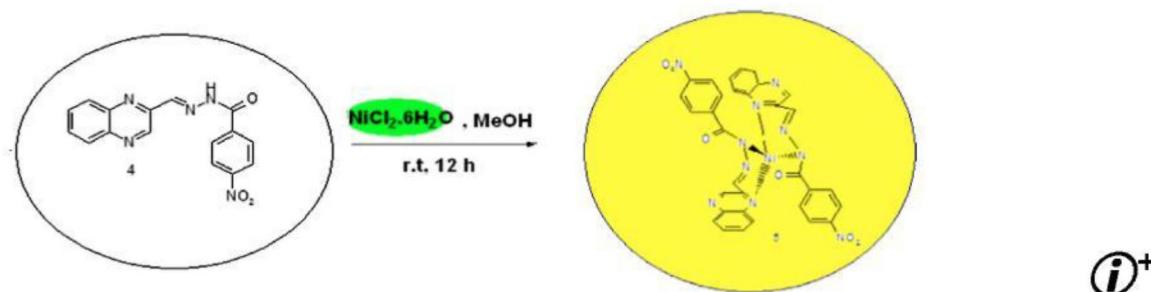
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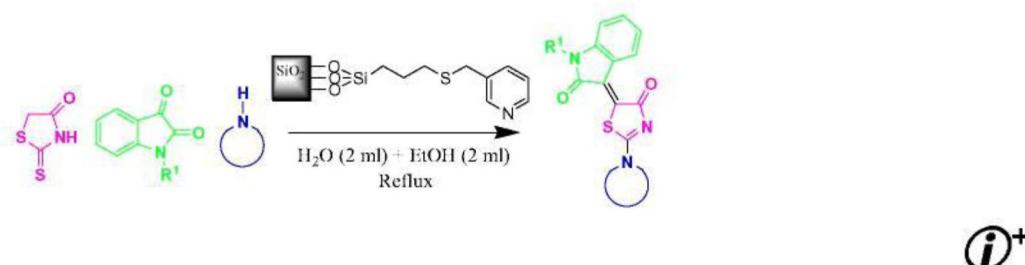
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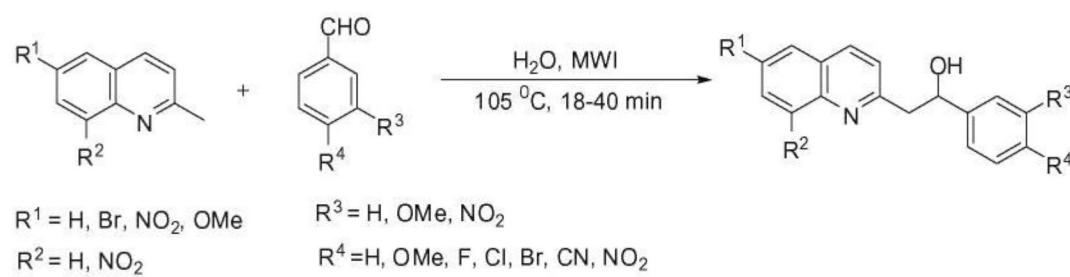
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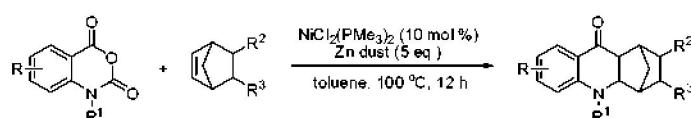
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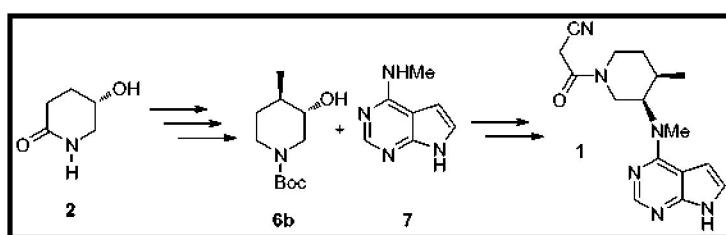
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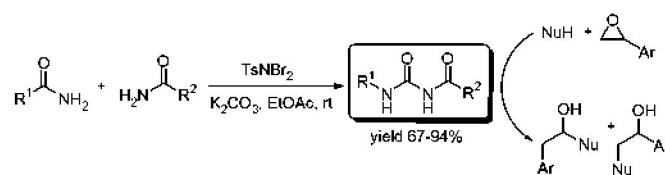
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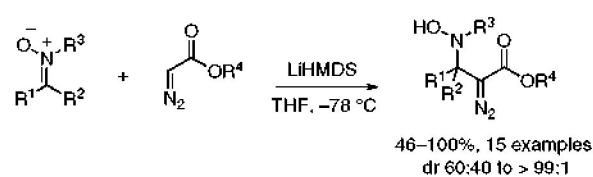
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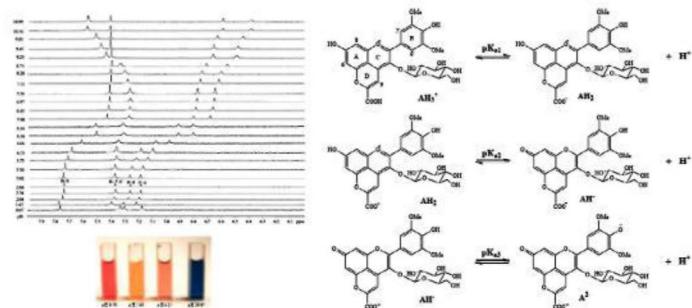
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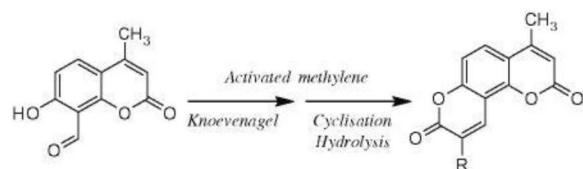
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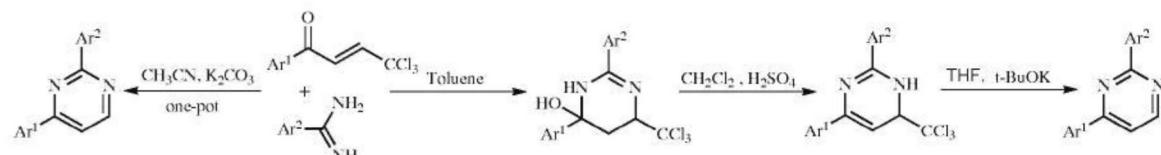
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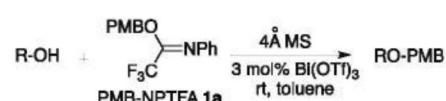
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Antonio Guirado*, Enrique Alarcón, Yesica Vicente, Raquel Andreu

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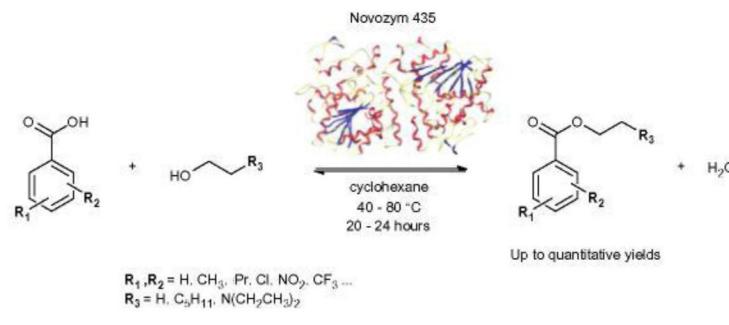
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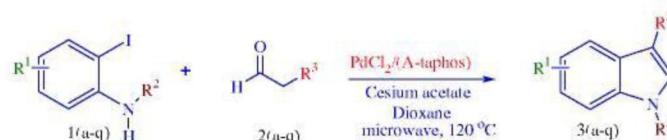
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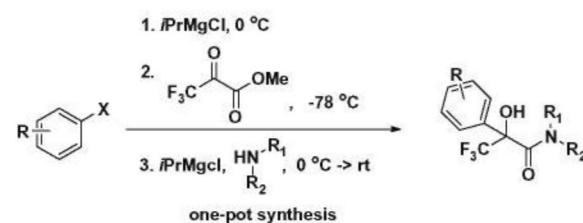
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R= TIPS or TBDPS

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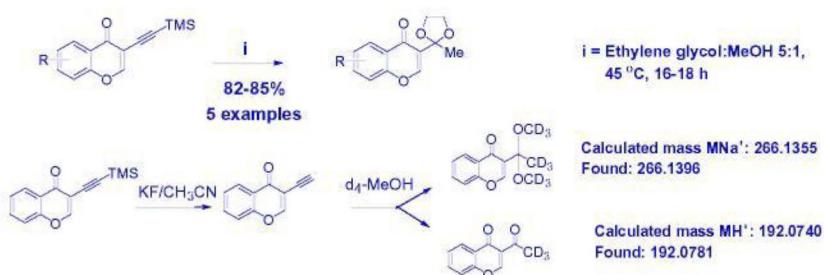
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*Corresponding author

i⁺ Supplementary data available via ScienceDirect

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