



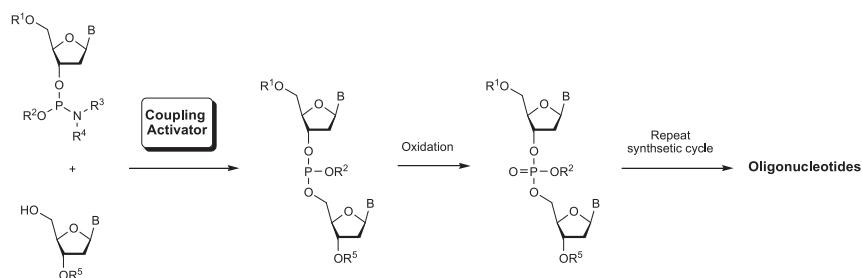
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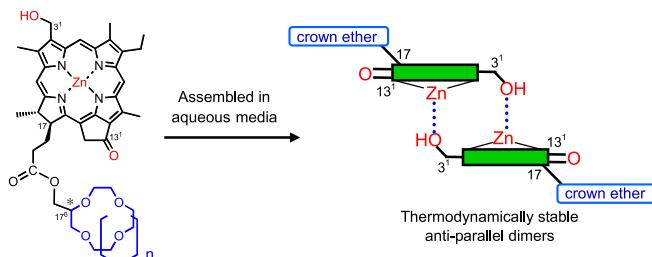
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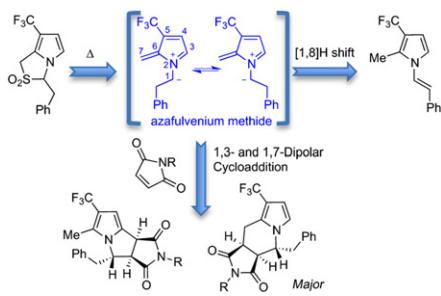
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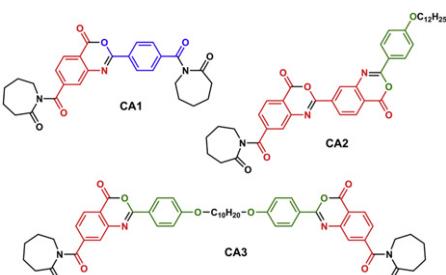


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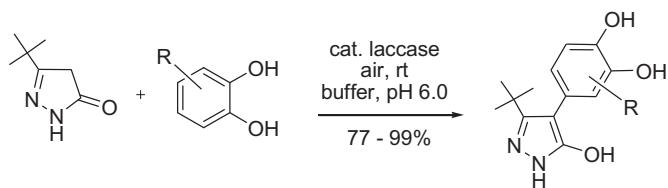
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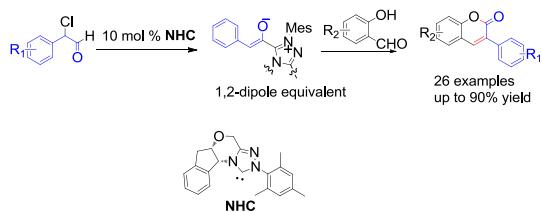
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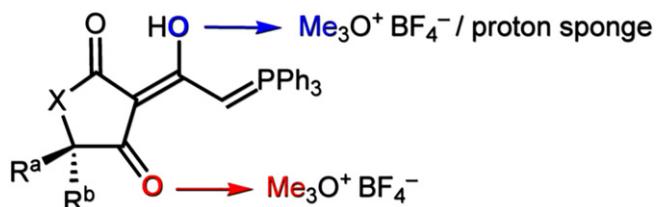


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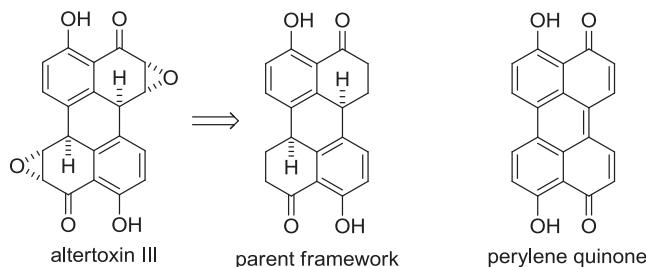
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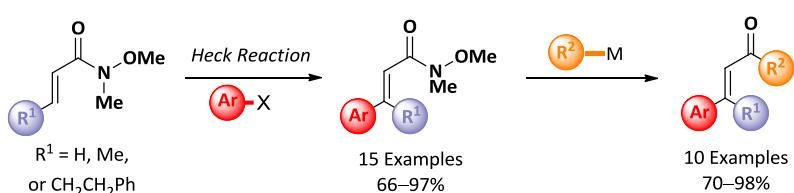
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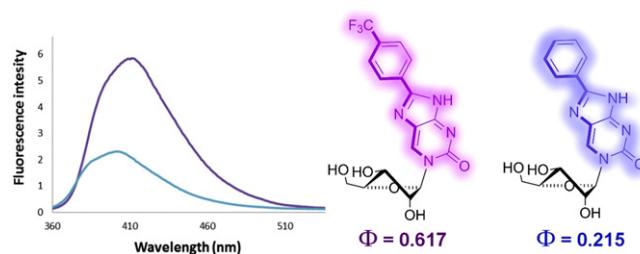
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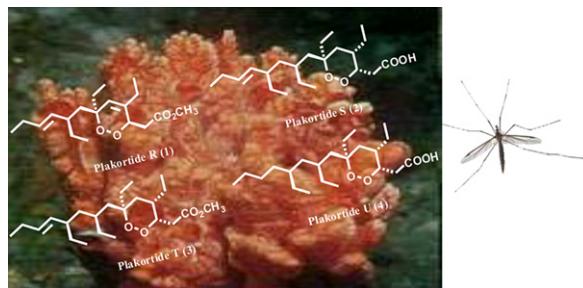
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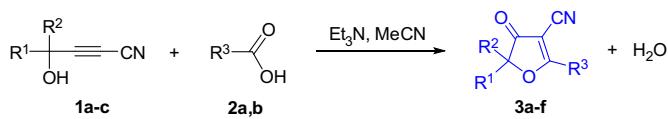
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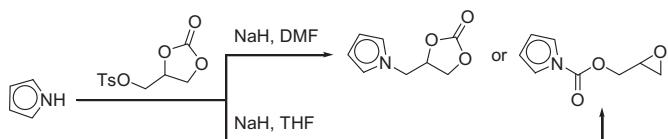


R¹ = R² = Me; R¹ = Me, R² = Et; R¹–R² = (CH₂)₅; R³ = 1-naphthyl, 2-naphthyl

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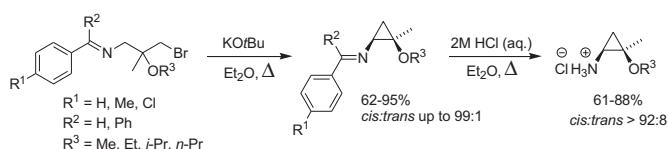
Gytė Vilkauskaitė, Sonata Krikštolaitytė, Osvaldas Paliulis, Patrick Rollin, Arnaud Tatibouët*, Algirdas Šačkus*



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Sven Mangelinckx, Santosh T. Kadam, Elena Semina, Gert Callebaut, Filip Colpaert, Dirk De Smaele, Norbert De Kimpe*



*Corresponding author

†Supplementary data available via SciVerse ScienceDirect

COVER

The selective methylation of 3-enoyltetramic and -tetronic acids is problematic. We found that 3-acyl ylides **4/5** of tetramic and tetronic acids get methylated by $\text{Me}_3\text{O}^+\text{BF}_4^-$ to give 4-methoxy acyl ylides that enter into Wittig reactions. In the presence of proton sponge, **4/5** are methylated at 1'-O to give unreactive ylides. However, their Wittig products are accessible by first olefinating **4/5** and then treating the alkenes with $\text{Me}_3\text{O}^+\text{BF}_4^-$ / proton sponge. © 2013 M. Harras, T. Bauer, R. Kempe, R. Schobert.

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