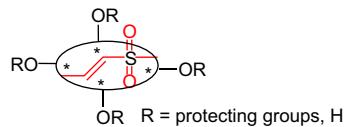


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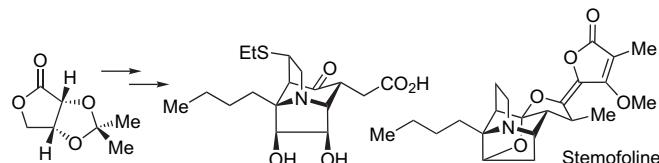
- Vinyl sulfone-modified carbohydrates: an inconspicuous group of chiral building blocks** pp 3605–3628
 Tanmaya Pathak



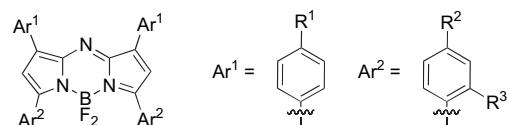
The synthesis and reactions of vinyl sulfone-modified pyranosides, furanosides, acyclic sugars, nucleosides and carbasugars are reviewed.

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- Application of an intramolecular dipolar cycloaddition to an asymmetric synthesis of the fully oxygenated tricyclic core of the stemofoline alkaloids** pp 3629–3641
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- Functionalized BF₂ chelated azadipyrromethene dyes** pp 3642–3654
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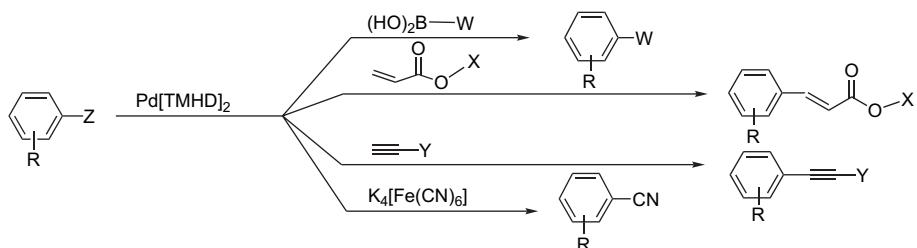
Various substituents around the ‘aza-BODIPY’ core were examined to probe the corresponding changes in the electronic properties of these dyes and their ability to couple with energy transfer donor groups.



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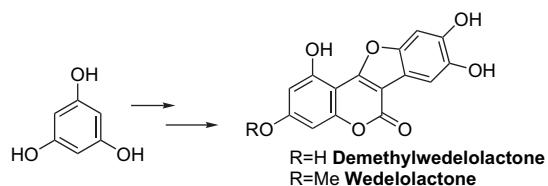
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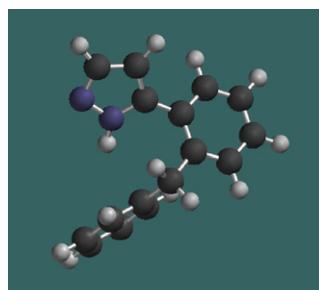
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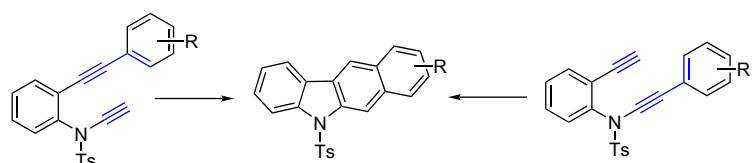
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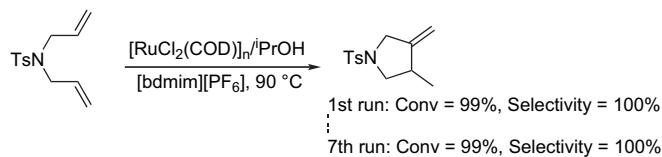
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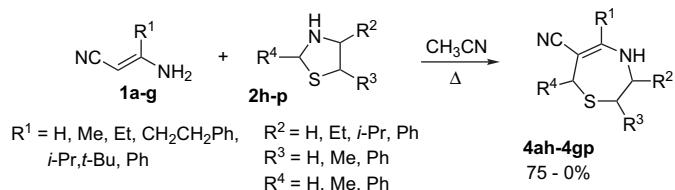
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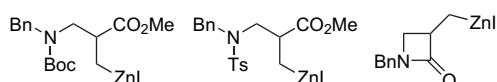
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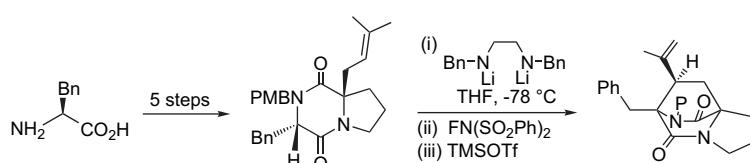
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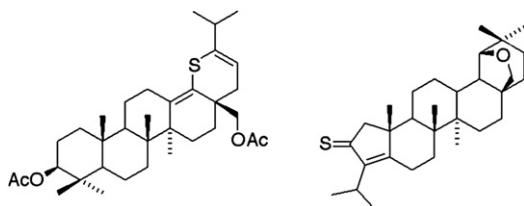
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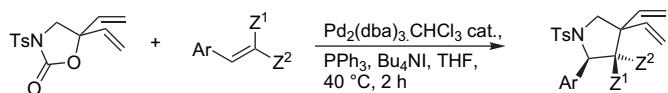
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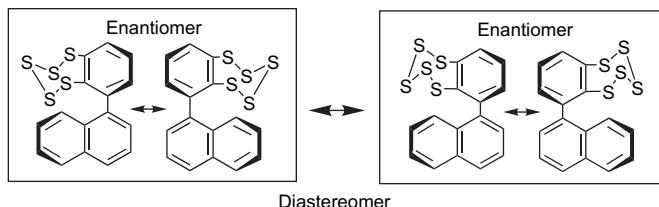
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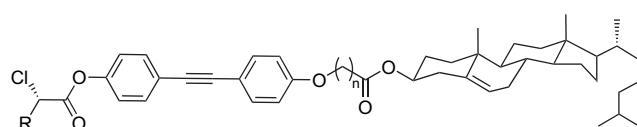
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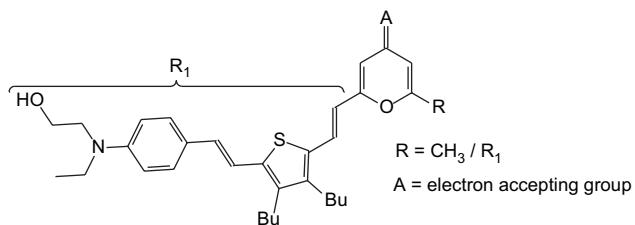
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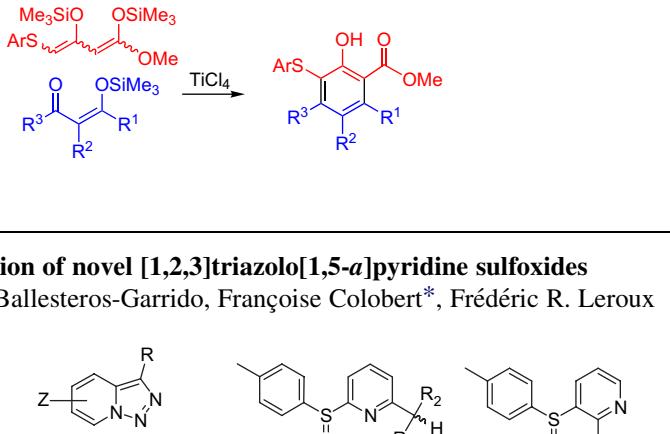
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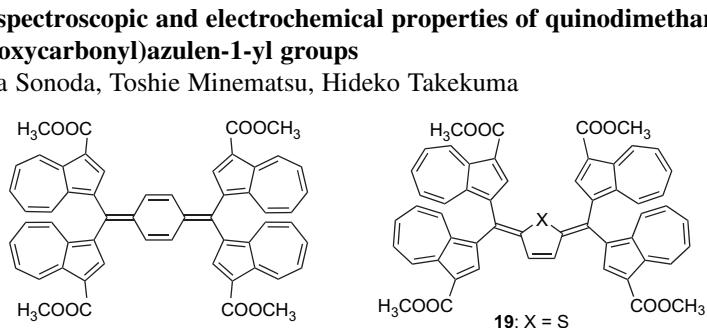
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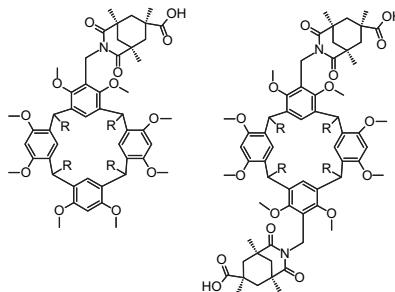


The title chemistry of compounds **18–20** is reported.



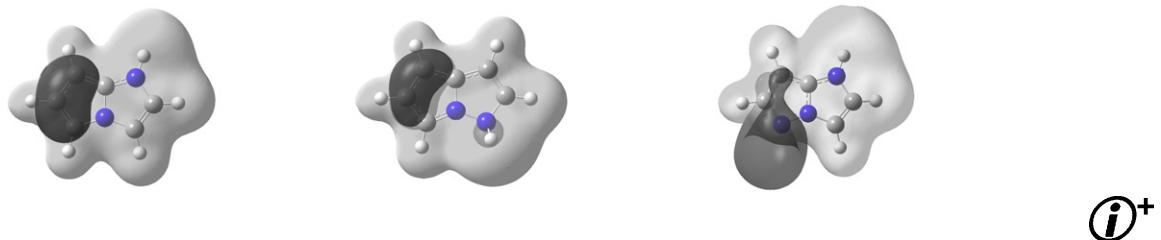
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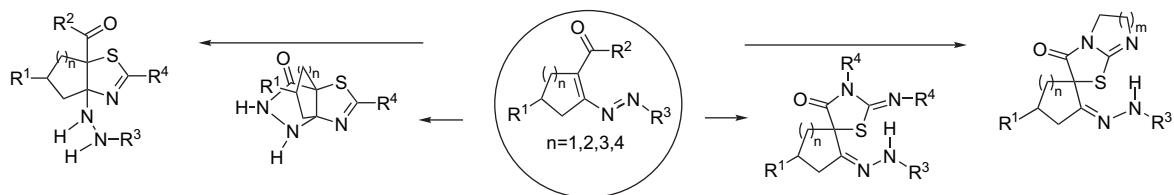
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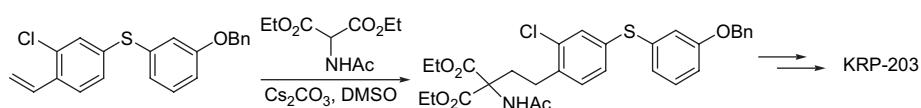
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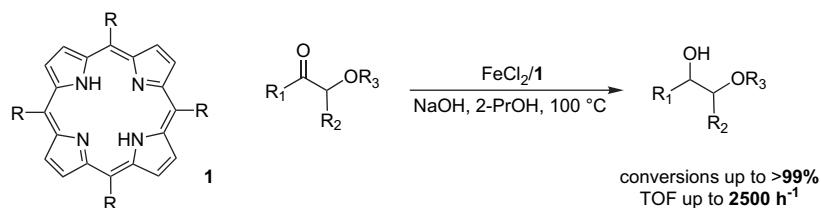
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An environmentally benign process for the transfer hydrogenation of α -substituted ketones in the presence of in situ generated iron porphyrins is presented.

*Corresponding author

(i)* Supplementary data available via ScienceDirect



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