



Tetrahedron Vol. 65, Issue 24, 2009

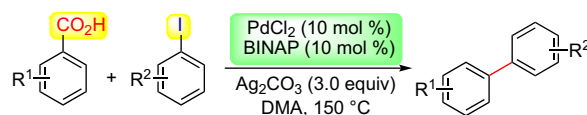
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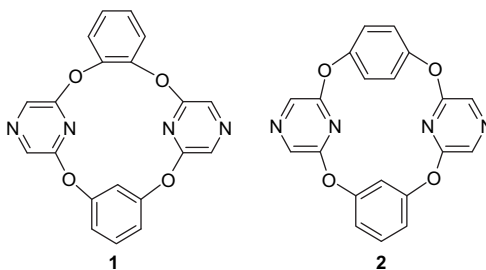
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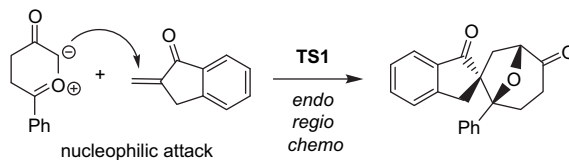


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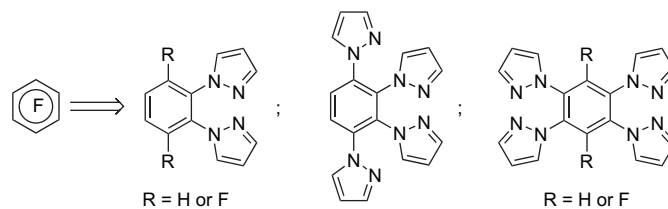
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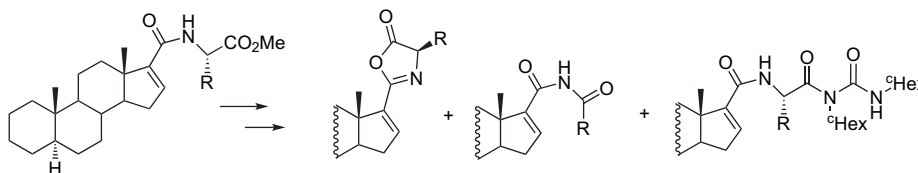
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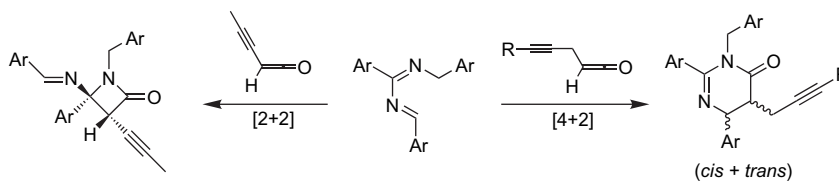
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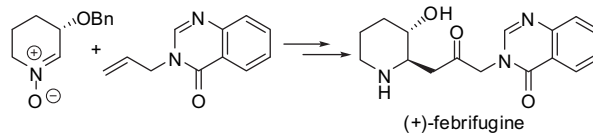
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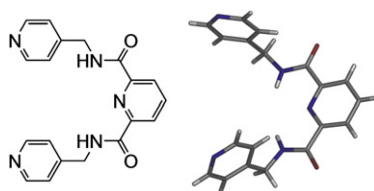
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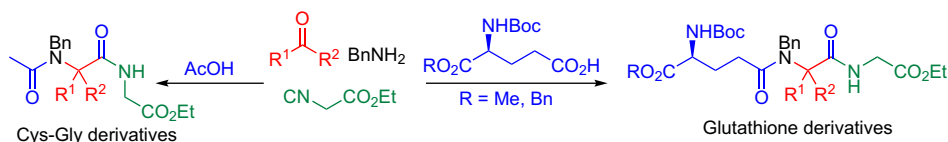
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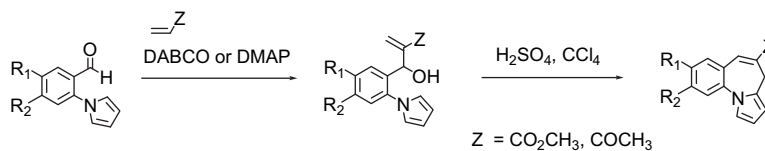
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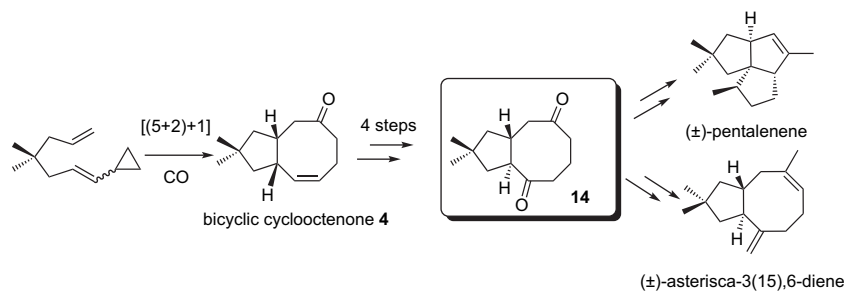
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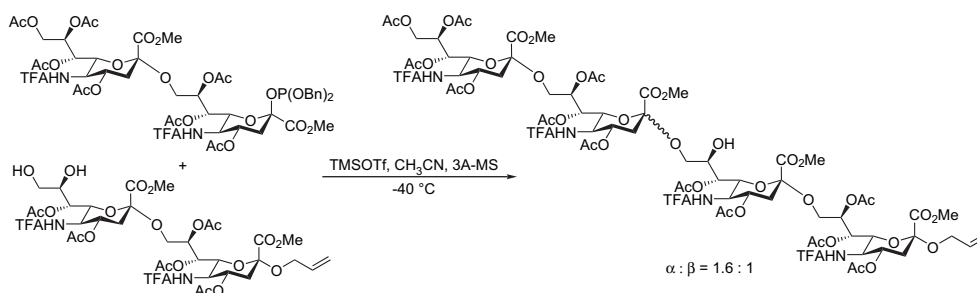
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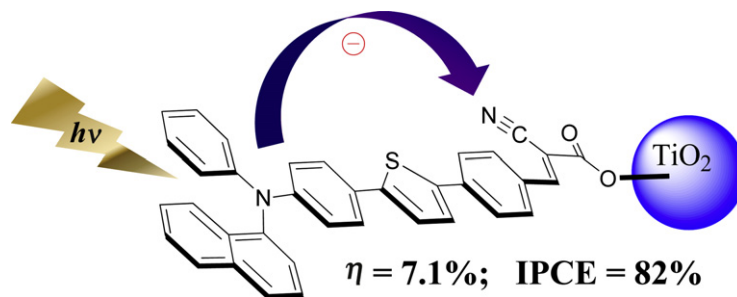
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Dye-sensitized solar cell utilizing organic dyads containing triarylene conjugates

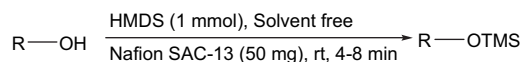
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Nafion® SAC-13: heterogeneous and reusable catalyst for the activation of HMDS for efficient and selective O-silylation reactions under solvent-free condition

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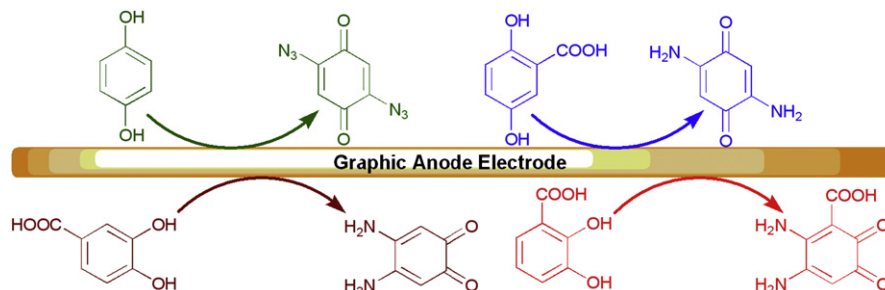
Gurusamy Rajagopal, Hanbin Lee, Sung Soo Kim*



Nafion SAC-13 effectively activates hexamethyldisilazane (HMDS) for the efficient and selective silylation of alcohols. Primary, secondary, and tertiary alcohols and phenols are efficiently converted to their corresponding silylethers in short reaction times (4–8 min) with excellent yield at rt under solvent-free conditions.

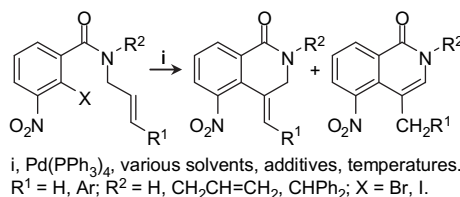
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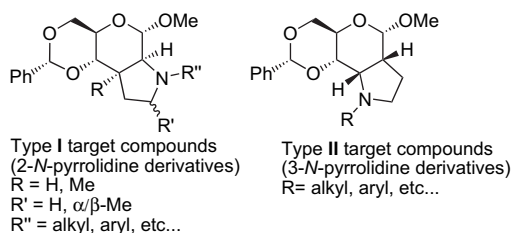
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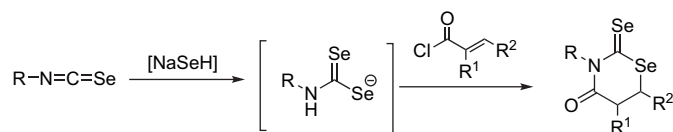
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Dinesh R. Garud, Nobuhito Tanahashi, Masayuki Ninomiya, Mamoru Koketsu*



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+ Supplementary data available via ScienceDirect



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