



Tetrahedron Vol. 69, Issue 10, 2013

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An efficient method of chemical modification of BODIPY core

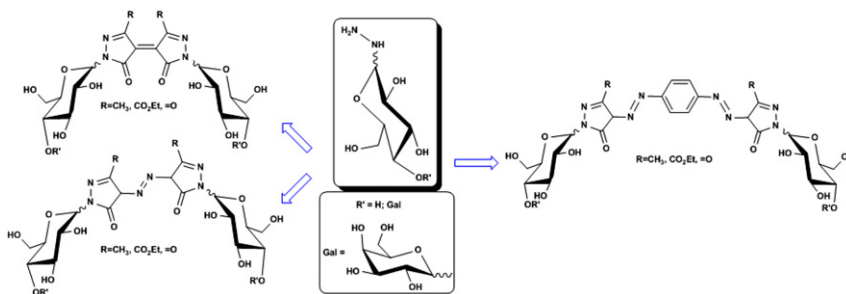
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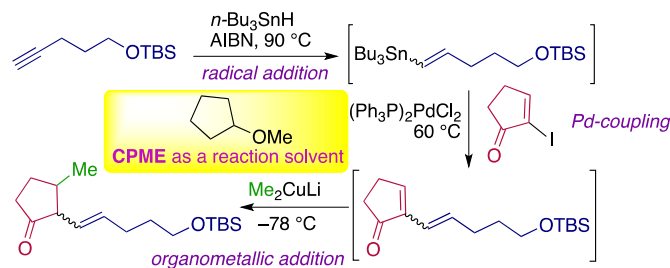
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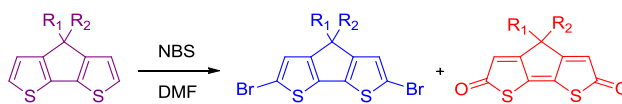
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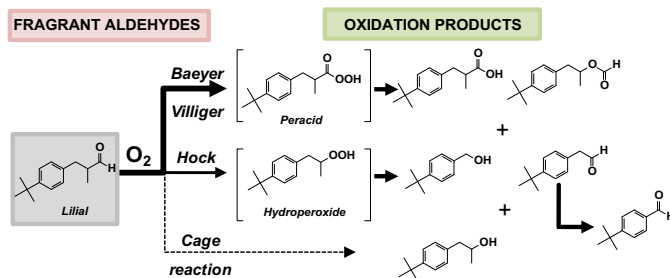
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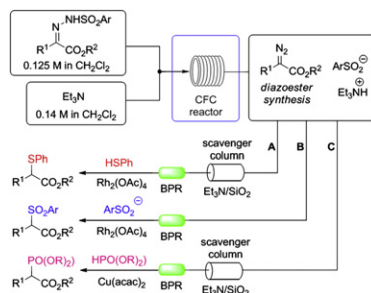
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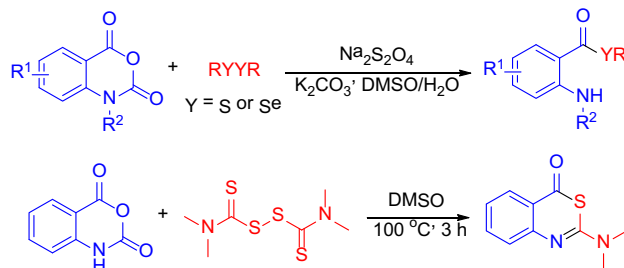
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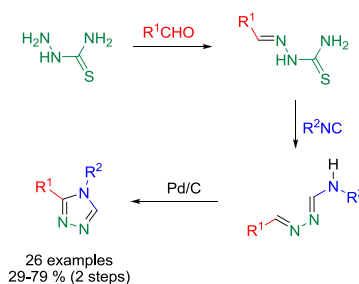
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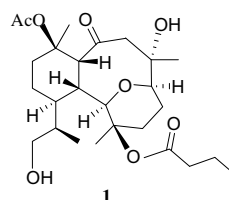
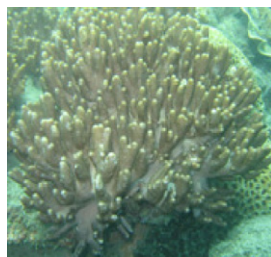
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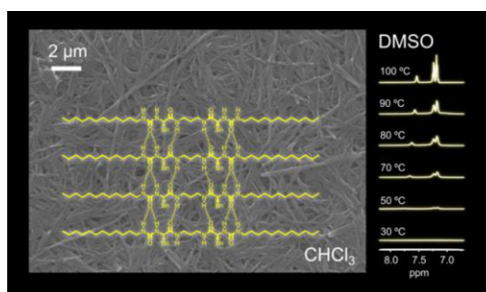
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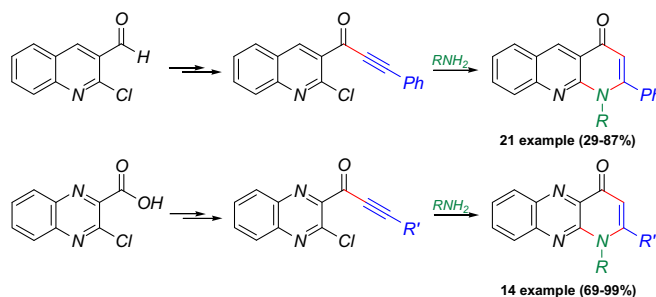
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Efficient synthesis of novel benzo[*b*][1,8]naphthyridin-4(1*H*)-ones and pyrido[2,3-*b*]quinoxalin-4(1*H*)-ones from alkynones and primary amines

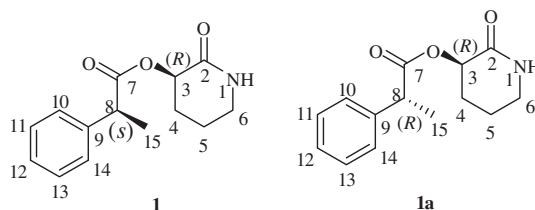
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Viktor O. Iaroshenko*, Muhammad Zahid, Satenik Mkrtchyan, Ashot Gevorgyan, Kai Altenburger, Ingo Knepper, Alexander Villinger, Vyacheslav Ya. Sosnovskikh, Peter Langer


A stereoselective approach for the total synthesis of [2(*S*)-phenyl-propionyl]-2-piperidinone-3-(*R*)-yl-ester and its diastereomer

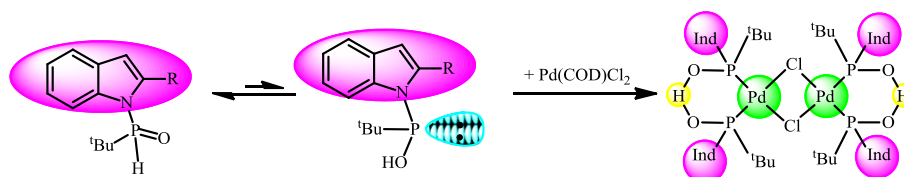
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Palakodety Radha Krishna*, Pendyala Venkata Arun Kumar, Venkata Satyanarayana Mallula, Kallaganti V. S. Ramakrishna


Preparation and application of indolyl secondary phosphine oxides in palladium complexes catalyzed Suzuki–Miyaura cross-coupling reaction

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Yen-Yu Chang, Fung-E Hong*

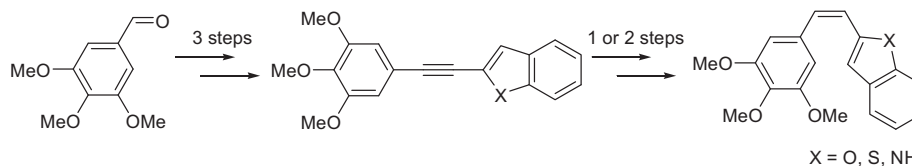


Several new indolyl secondary phosphine oxides (SPOs) were prepared. Further reactions with Pd(COD)Cl₂ yielded di-palladium complexes. These SPO ligands combined with various palladium salts were employed in the Suzuki–Miyaura reactions and exhibited satisfactory results even with less reactive arylchlorides under elevated temperature. Presumably, the indolyl scaffold provides the thermal stability of this type of SPOs. This system also showed good tolerance toward diverse functional groups.

Synthesis of (*Z*) isomers of benzoheterocyclic derivatives of combretastatin A-4: a comparative study of several methods

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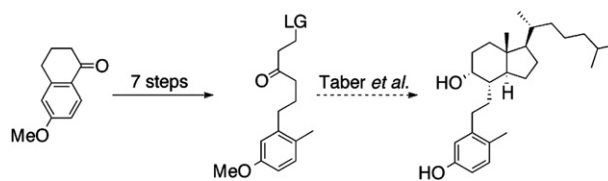
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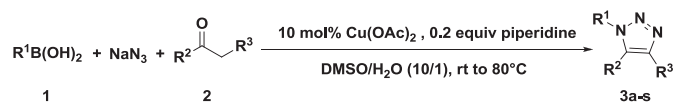
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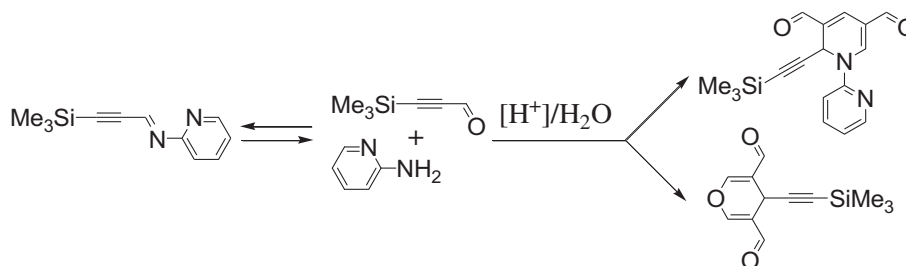
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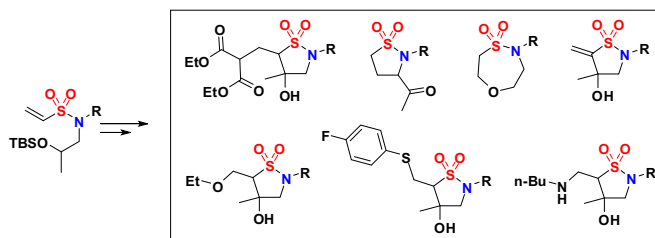
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