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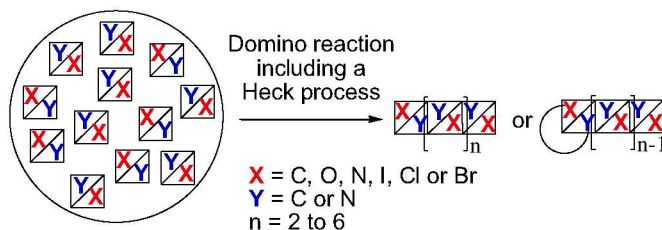
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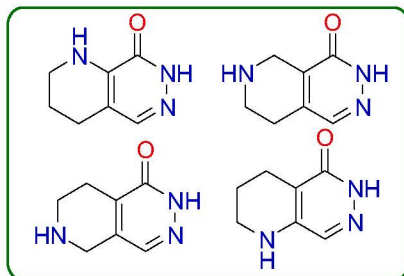
Ahmed E.M. Mekky, Tamer S. Saleh, Abdullah S. Al-Bogami*



Tetrahydropyrido[d]pyridazinones—promising scaffolds for drug discovery

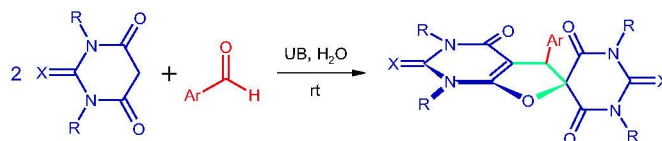
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Anatoliy G. Yaremenko, Dmitriy M. Volochnyuk, Vyacheslav V. Shelyakin*, Oleksandr O. Grygorenko

**Urotropine–bromine promoted synthesis of functionalized oxaspirotricyclic furopyrimidines via a domino Knoevenagel condensation/Michael addition/ α -bromination/Williamson cycloetherification sequence in water**

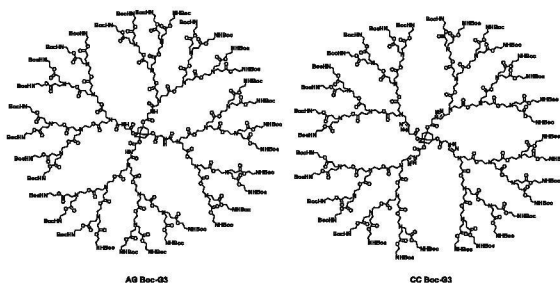
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Mohammad Bagher Teimouri*, Peyman Akbari-Moghaddam, Mahnaz Motaghinezhad

**Synthesis of novel polyesteramine dendrimers by divergent and convergent methods**

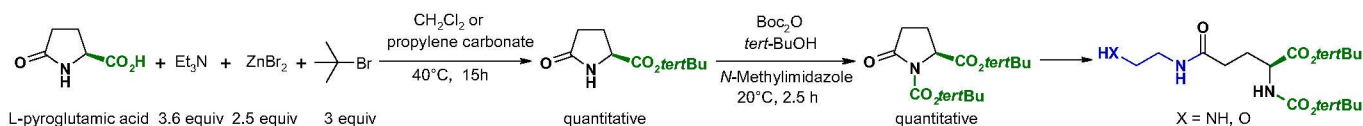
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**The revisited synthesis of *tert*-butyl pyroglutamate derivatives**

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Christelle Claverie, Alina Ghinet*, Philippe Gautret, Chi-Thanh Vuong, Benoît Rigo

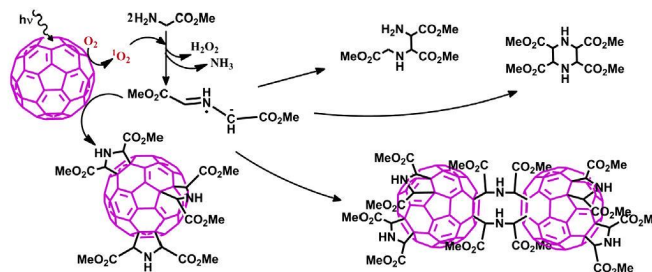


Reaction conditions for the substitution of bromine in *tert*-butyl bromide by pyroglutamic anion were discovered. This green reaction gives a quantitative yield of the *tert*-butyl pyroglutamate. It was also demonstrated that non toxic *N*-methylimidazole and *tert*-butanol can pleasantly replace the problematic toxic 4-dimethylaminopyridine (DMAP) and dichloromethane often utilized for the *N*-carbamoylation of this lactam.

Mechanism and number of adducts of photo-addition of glycine methyl-ester to [60] fullerene

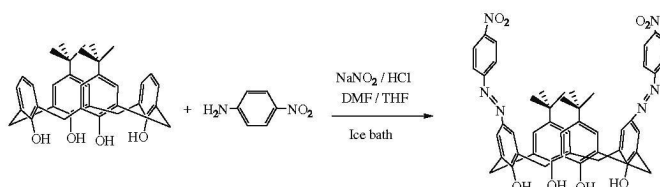
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**Di-substituted azocalix[4]arenes containing chromogenic groups: synthesis, characterization, extraction, and thermal behavior**

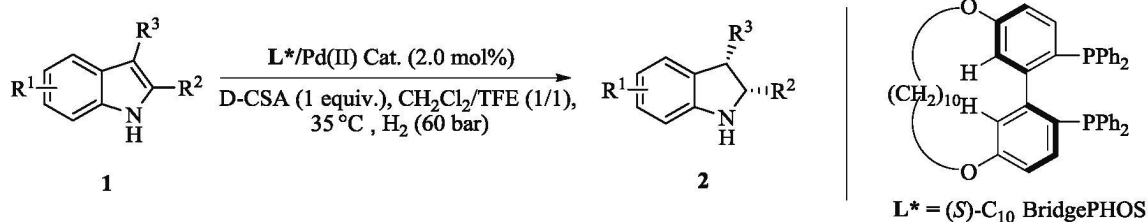
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**Highly enantioselective hydrogenation of *N*-unprotected indoles using (*S*)-C₁₀-BridgePHOS as the chiral ligand**

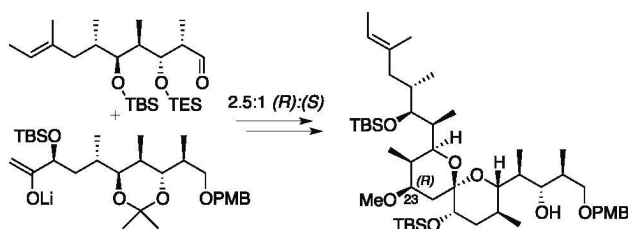
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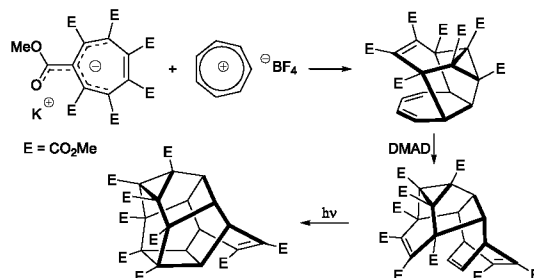
Claire Gregg, Michael V. Perkins*



Reaction of 1,2,3,4,5,6,7-(heptamethoxycarbonyl)cyclohepta-2,4,6-trien-1-yl potassium with tropylium tetrafluoroborate to form cage structures

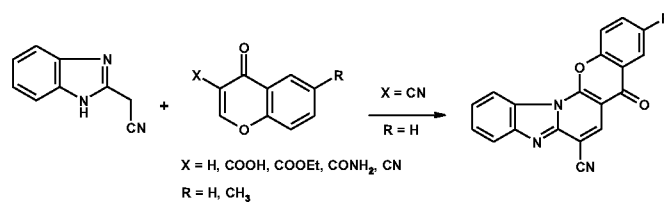
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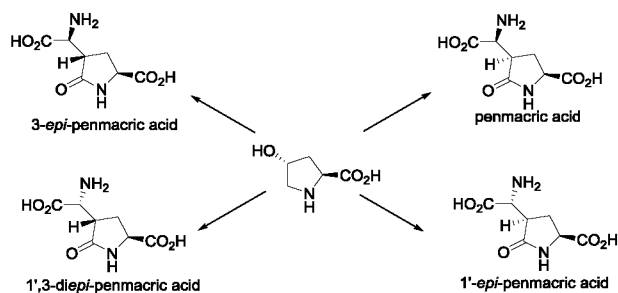
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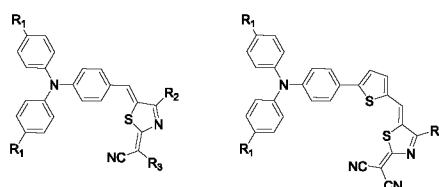
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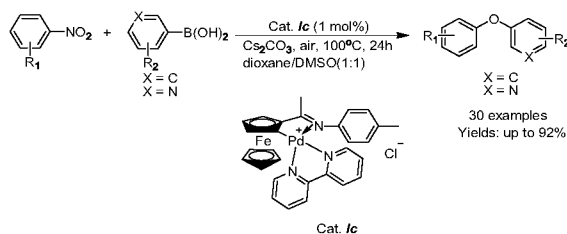
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A 2,2'-bipyridine-palladacycle catalyzed the coupling of arylboronic acids with nitroarenes

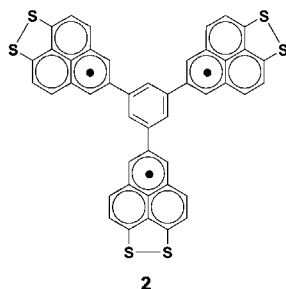
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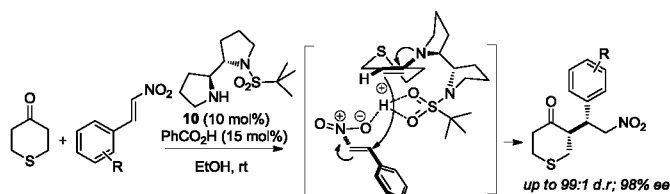
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