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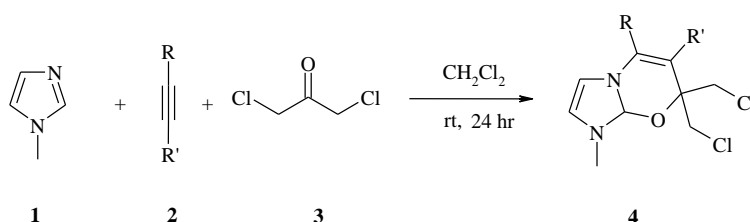
Graphical Abstracts

Synthesis of fused [1,3]oxazines from 1,3-dichloro acetone, activated acetylenes and *N*-methyl imidazole

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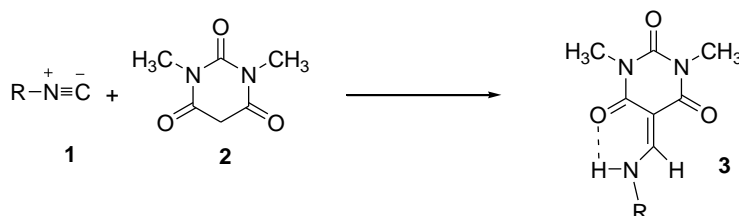
Dynamic $^1\text{H-NMR}$ study of synthesized enamines from reaction between isocyanides and *N,N'*-dimethylbarbituric acid

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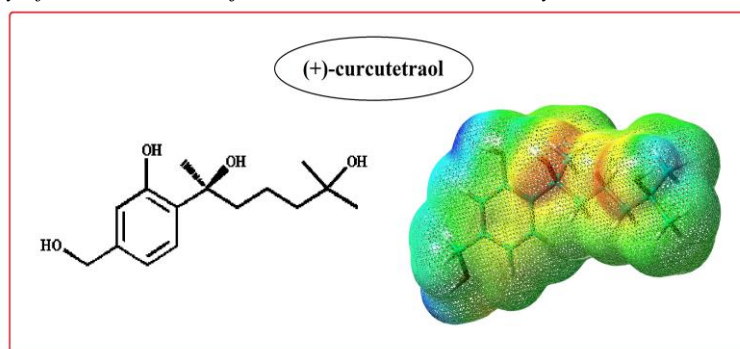


Density functional theory study of molecular structure, chemical reactivity and radical scavenging potency of (+)-curcutetraol

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Green synthesis of stable diionic compounds from 4,4,4-trifluoro-1-thiophen-2-ylbutan-1,3-dione and dialkyl acetylenedicarboxylates in the presence of N-heterocycles

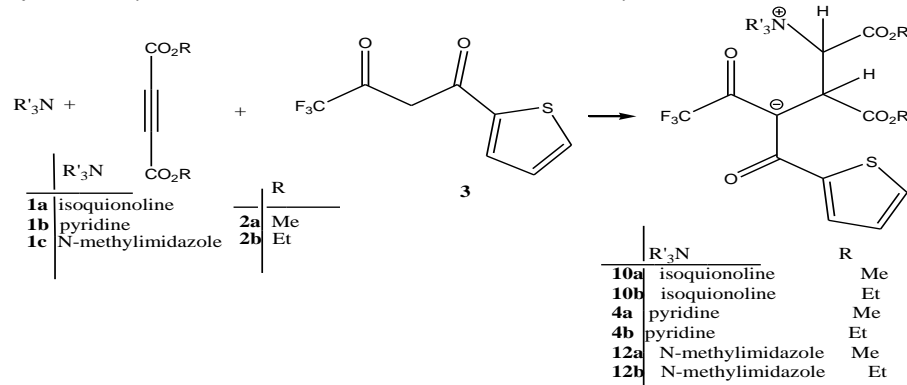
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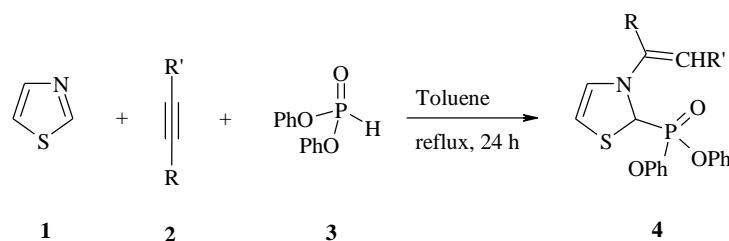


Catalyst free synthesis of new alfa-amino phosphonates by three component reaction of diphenylphosphite, activated acetylenes and thiazole

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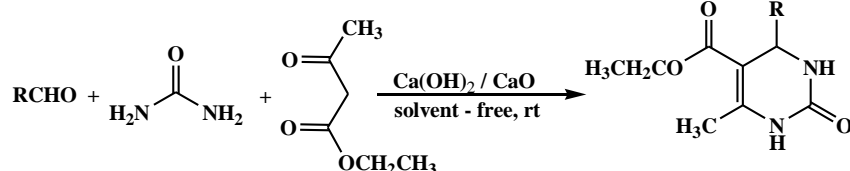


Ca(OH)₂/CaO as a green catalyst for the synthesis of 3,4-dihydropyrimidin-2(1H)-ones derivatives

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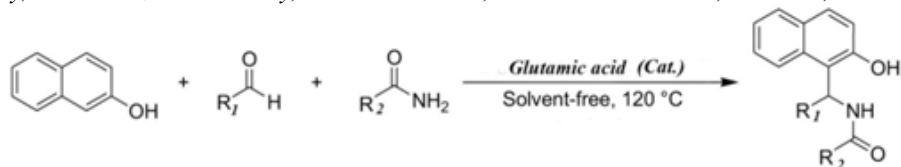


Glutamic acid catalyzed multicomponent synthesis of 1-amidoalkyl-2-naphthols from amides, aromatic aldehydes and 2-naphthol in solvent-free conditions

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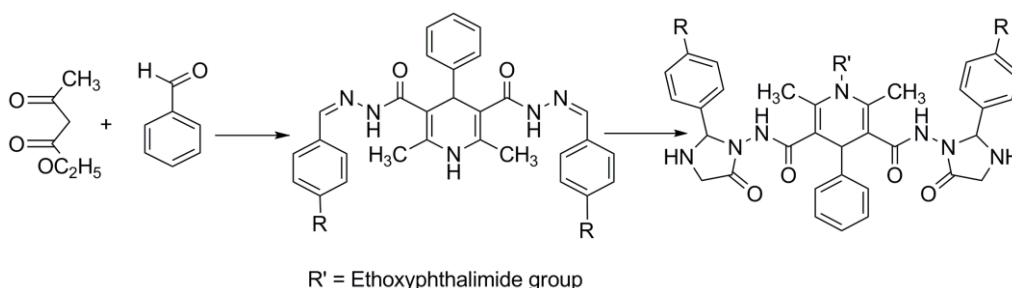


Synthesis and antimicrobial evaluation of bis imidazolidinone assembled dihydropyridine ethoxyphthalimide derivatives

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1,3,4-Thiadiazole rings as π -spacers in triphenylamine based dyes: A density functional theory study of reactivity, UV/Visible spectra, structural and optical properties

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