

# Iranian Journal of Organic Chemistry

IranJOC Vol. 6, No. 2, 2014

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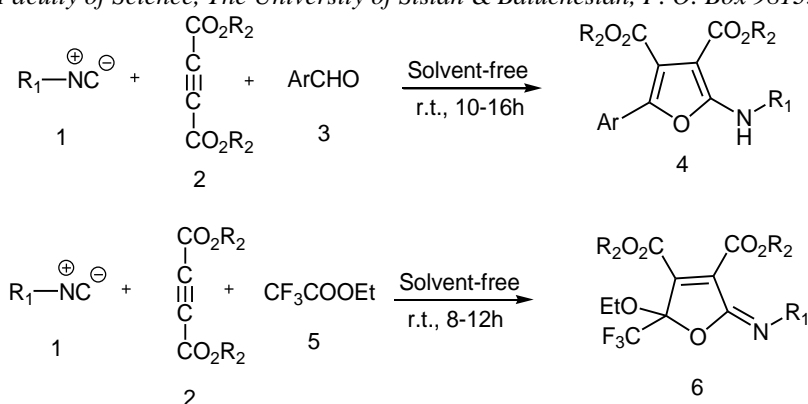
#### Solvent-free one-pot synthesis of iminolactone and aminofuran derivatives using three component reactions

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Raoofo Heidary<sup>a</sup>, Khatereh Khandan-Barani<sup>a\*</sup>, Malek Taher Maghsoodlou<sup>b</sup> and Sima Rigi-Koutah<sup>a</sup>

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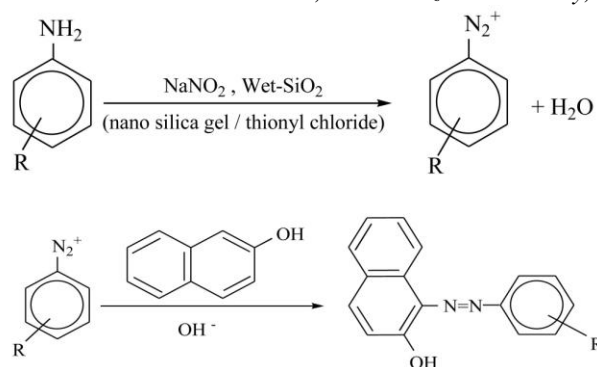
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Product	R	%Yield
2-(2-Hydroxy-naphthalen-1-ylazo)-nitrobenzene	2-NO <sub>2</sub>	96
2-(2-Hydroxy-naphthalen-1-ylazo)-benzoic acid	2-CO <sub>2</sub> H	91.5

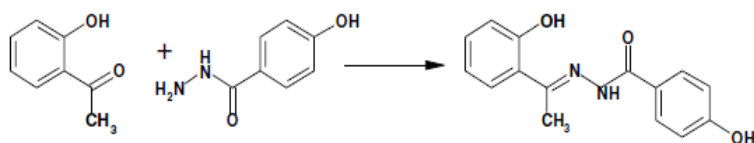
**Synthesis and characterization of Copper (II) complexes with new ligand obtained from 4-hydroxybenzoic acid hydrazide and 2-hydroxyacetophenone**

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Mohammad Javad Keikha<sup>a</sup> . Niloufar Akbarzadeh-Torbati<sup>b\*</sup>, Mehdi Shahraki<sup>b</sup>, Hamideh Saravani<sup>b</sup> and S.Z.Mohammadi-M<sup>a</sup>

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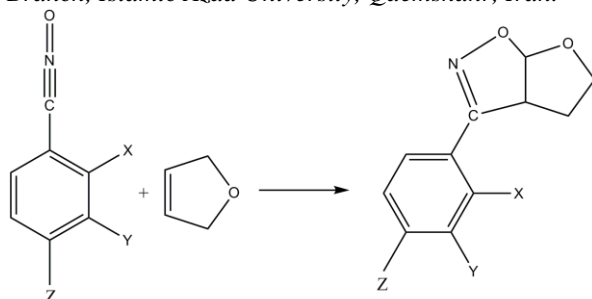


**A DFT study on the effect of position of functional group on the kinetics and mechanism of 1,3-dipolar cycloaddition of benzonitrile oxide and dihydrofuran**

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Mohammad Reza Zardoost\* and Hamid Reza Alizadeh

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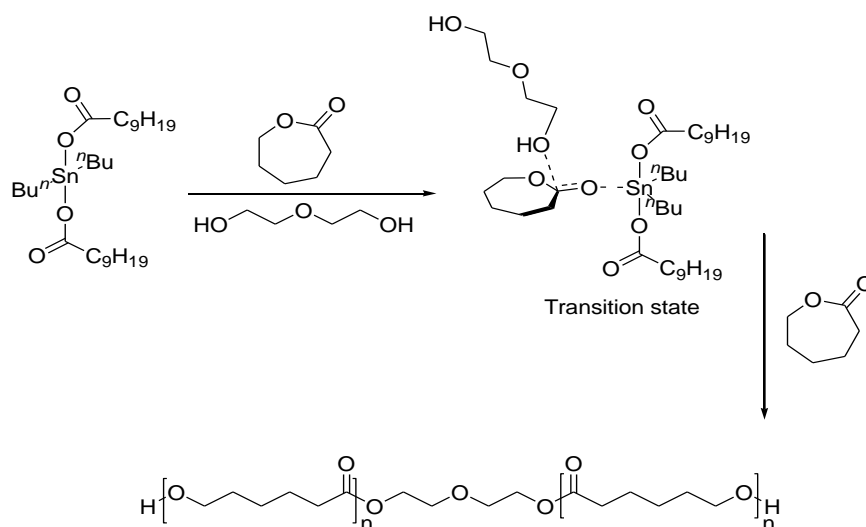


**Synthesis of polycaprolactone using tin catalyst: a comparison between dibuthyltindilaurate and tin(II)2-ethyl hexanoate catalyst**

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Yadollah Bayat, Somaye Mazlom Darbandy and Maryam Zarandi\*

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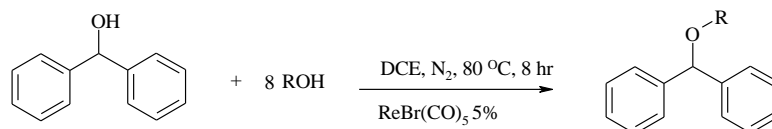


## ReBr(CO)<sub>5</sub> a good catalyst to prepare diphenylmethyl (DPM) ethers

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Anvar Mirzaei \* and Sama Taherjo

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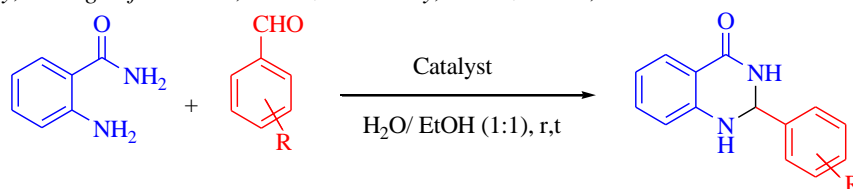
## Highly efficient synthesis of 2,3-dihydroquinazolin-4(1H)-ones by using homogeneous catalysts in mixture of green solvents

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Malek Taher Maghsoodlou<sup>a\*</sup>, Nourallah Hazeri<sup>a</sup>, Somayeh Esfandiari<sup>a</sup>, Shiva Kiaee<sup>a</sup>, Jasem Aboonajmi<sup>b</sup>, Mojtaba Lashkari<sup>a</sup> and Parvaneh Dastoorani<sup>a</sup>

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Catalysts: Succinic acid, 2,3-Dibromosuccinic acid, Tartaric acid

## Synthesis of iminosaccharides of 2-aminobenzothiazole: A comparative study of conventional and green chemical routes

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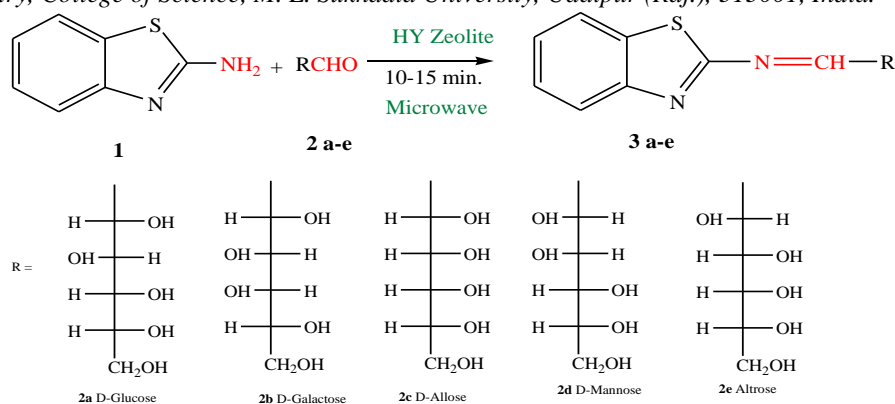
Manish Kumar Rawal<sup>a\*</sup>, Saba Khan<sup>a</sup>, Nasir Hussain<sup>a</sup>, Narendra Pal Singh Chauhan<sup>b</sup>, Rakshit Ameta<sup>c</sup> and Pinki B. Punjabi<sup>d</sup>

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# Modern ionic liquid functionalized silica nanoparticles as carriers for oral drug delivery

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