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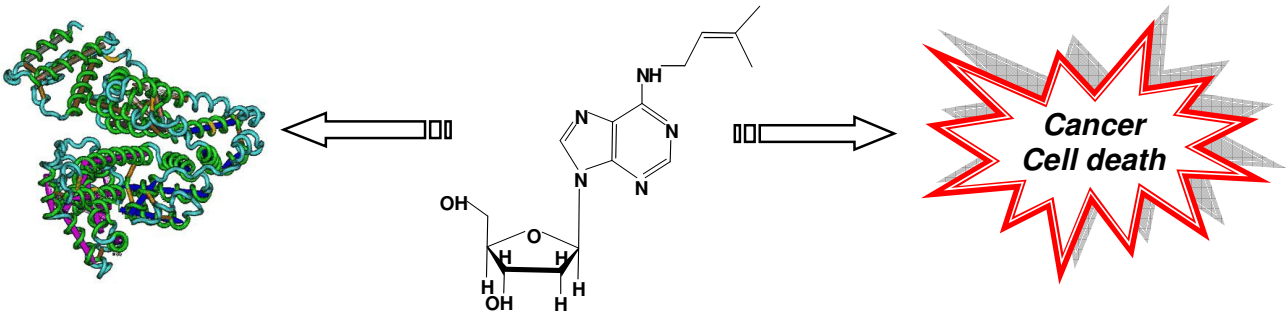
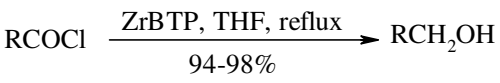
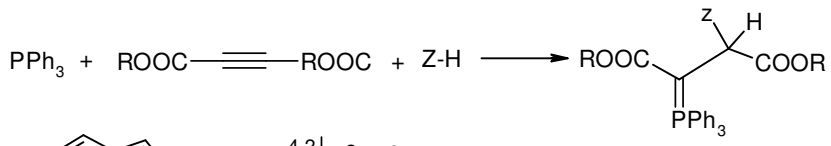
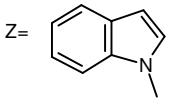
Graphical Abstracts



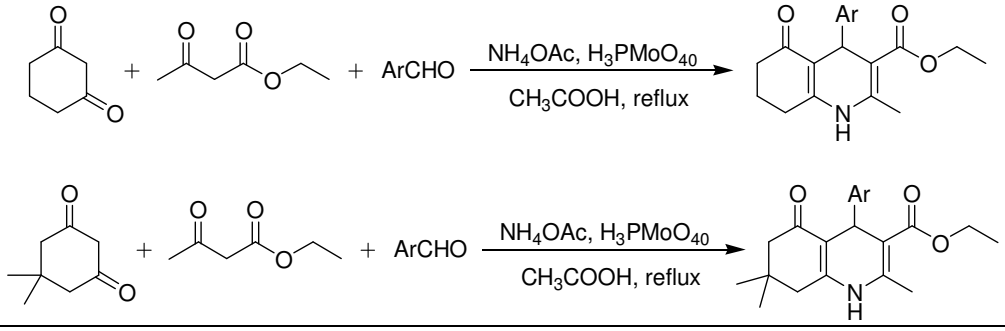


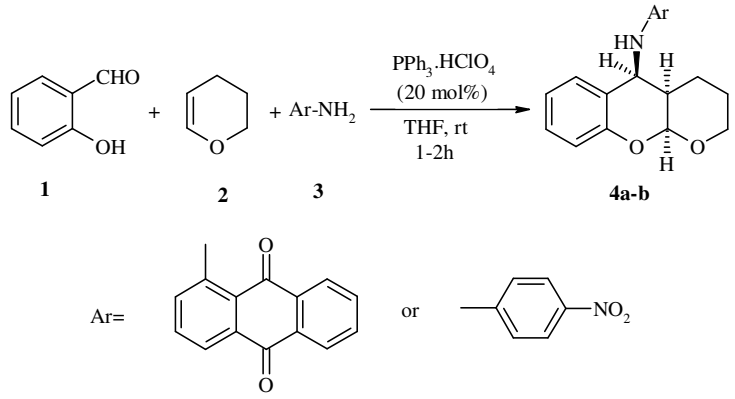
R= alkyl, aryl

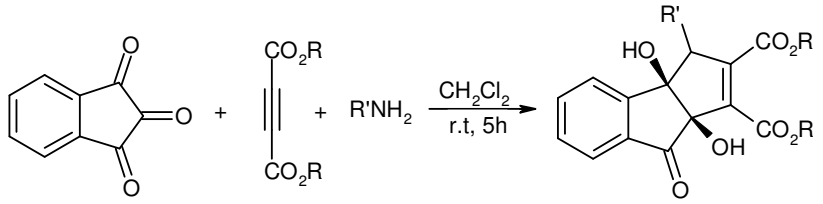


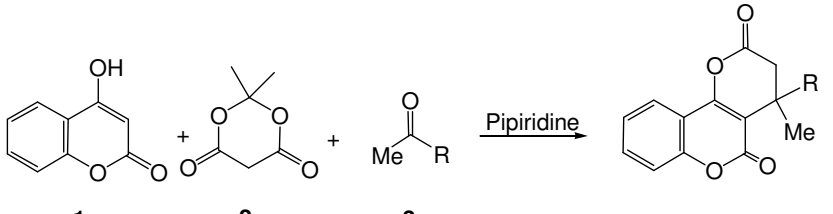


4,2	a	c
R	Me	But





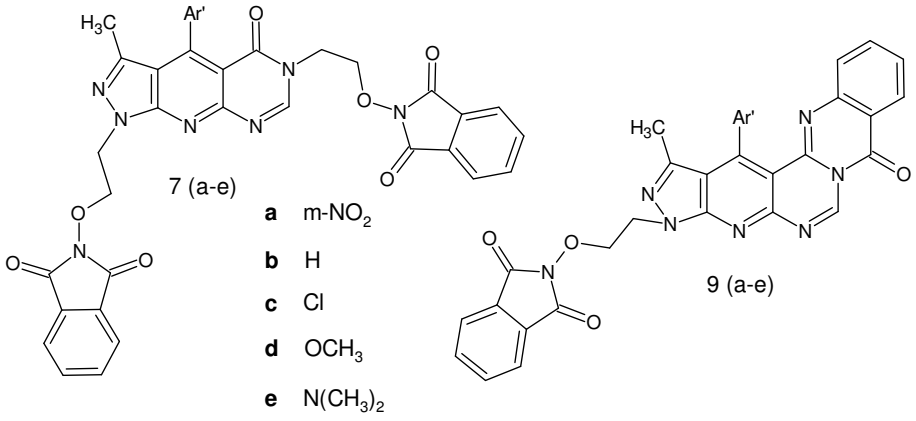




1 **2** **3**

4	R	Yield/%
a	Me	97
b	Et	87
c	^{n}Pr	78
d	Me_2CHCH_2	65

In this paper, vanadium phosphorus oxide (VPO) catalysts were synthesized with the different P/V ratio (0.5, 1.0, and 2.0) in organic medium. The structure of catalysts were characterized by XRD, SEM, AA, and BET instruments. The activity and selectivity of those synthesized VPO catalysts were investigated with partial oxidation of *n*-butane to maleic anhydride.



Bromination of phenol with NBSac over synthesized zeolite as a heterogeneous recyclable catalyst **pp 338-342**

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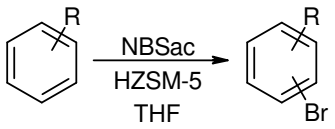

R= OH