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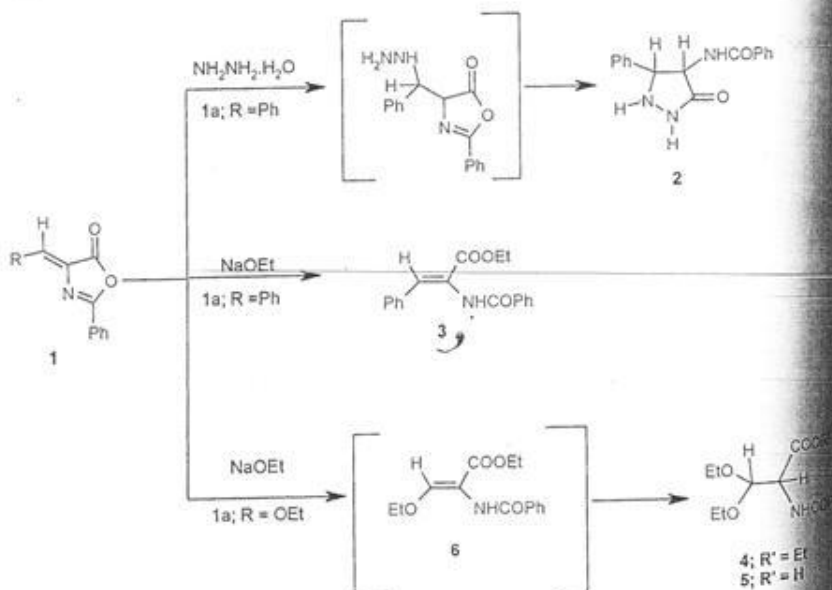
Abstracts

Synthesis of 4-benzoylamino-3-phenyl-(1,2H)pyrazoliden-5-one and proteinogenic amino acid from 4-(substitutedmethylene)-2-phenyl-5-(4H)oxazolone derivatives

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The reaction of oxazolone **1a** with hydrazine hydrate at room temperature afforded new intermediate, 4-benzoylamino-3-phenyl(1,2H)pyrazolon-5-one **2**, might be through Michael addition and ring opening of the oxazolones **1a** and **1b** with sodium ethoxide afforded propenoate ester derivative **3** and 2-benzoylamino-2,3-diethoxypropanoic acid **4** respectively. Further reaction of **4** with base yielded the acid **5**. The intermediate **6** was isolated by flash column chromatography. The structures of new products **2**, **4** - **6** were elucidated from 1D & 2D NMR and mass spectra.



Synthes  
Copolye

N. Al-M

<sup>a</sup>Al Jouf  
<sup>b</sup>Depart

A new  
dibenzyl  
4,4'-azoc  
hydroxyb  
2,6-divan  
IV at am  
III or IV  
character  
viscosity  
copolyest  
polymers  
structural  
morpholo  
microscop