

been described which can be assumed to occur *via* substituted vinylazide intermediates,¹⁻⁴ simple vinylazides do not undergo cyclization to triazoles.⁵ It should be noted that α - and β -styrylazides are not intermediates since they are thermally unstable and even under these mild conditions rearrange to azirine derivatives.^{6,7} It is most probable that the azide anion attacks the double bond, and that azido-carbene (VI) or triazolone (VII) are possible intermediates.

However, in all the reactions studied triazoles are the major products. Thus, the reaction of $\alpha\beta$ -unsaturated nitriles and nitro-compounds with sodium azide may be regarded as a novel synthesis of triazoles.

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