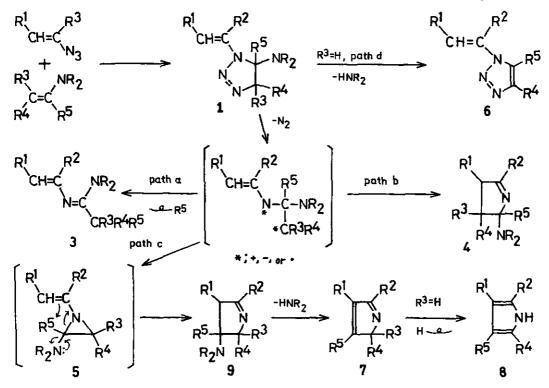
REACTIONS OF 5-AMINO-1-VINYL-4,5-DIHYDRO-1H-1,2,3-TRIAZOLES

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Reactions of 5-amino-l-vinyl-4,5-dihydro-l<u>H</u>-l,2,3-triazoles (<u>1</u>), prepared by l,3dipolar cycloaddition reaction of vinyl azides with enamines, were investigated.



Thermolysis or acid decomposition of  $\underline{1}$  (R<sup>5</sup>=alkyl or phenyl) caused elimination of amine to give the corresponding vinyltriazoles (<u>6</u>) (path d). Thermolysis of  $\underline{1}$  (R<sup>5</sup>=H) gave  $\underline{N}^2$ -vinylamidines (<u>3</u>) (path a) and/or pyrrole derivatives (<u>7</u>) (path c) and products were varied by the solvent and substituents of  $\underline{1}$ , while acid decomposition of  $\underline{1}$  (R<sup>5</sup>=H) gave products via path a.

Photolysis of <u>1</u> invariably gave pyrrole derivatives  $(\underline{7},\underline{8})$  via path c. Products via path b has not hitherto been formed.