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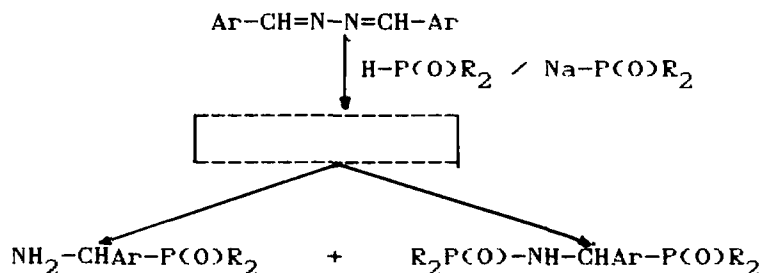
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INVESTIGATION OF THE MECHANISM OF P-H ACIDS REACTION WITH AROMATIC ALDAZINES

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Mechanism of the P-H acids reaction with aromatic aldaazines has been investigated. It was established previously that the monoaddition reaction of sodium derivative of the P-H acid is the first step:



We have discovered in our present investigations that the reduction reaction of the nitrogen-nitrogen bond is the second step, and not the third, as it has been assumed so far.

Various possible reaction pathways are under investigation in order to establish the exact mechanism of the reduction step. The results will be presented in detail.