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(54) **Title:** METHODS FOR SYNTHESIS OF AN ADVANTAGEOUS N-HETEROCYCLIC CARBENE CATALYST

(57) **Abstract:** The present invention concerns the synthesis of the salts of a Triazolium N- Heterocyclic Carbene (NHC) catalyst in various salt forms prepared from 2-methylaniline, 2-methylphenylhydrazine hydrochloride or 2-methylphenylhydrazine. The molecules so prepared are useful in catalysis of carbene reactions and are advantageous due to their lack of chlorinated or fluorinated intermediates and lack of chlorine or fluorine in the final structure.



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