ABSTRACT

TITLE:	C-H Insertion Of Diazoglycines - A Novel Approach To Unnatural Amino Acids
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ABSTRACT: Metal carbenoids are useful intermediates capable of highly enantioselective C-H activations and cyclopropanation reactions among others. However, diazo compounds such as diazo glycines possessing a flanking nitrogen atom, apart from nitro groups, have not been reported. Progress toward the challenging synthesis of diazoglycines will be reported. A number of synthetic approaches particularly with regard to introduction of the diazo function were screened.