In organic chemistry laboratory, diazomethane has two common uses.

1. Conversion of carboxylic acids to methyl esters

   eg:

   ![Conversion of carboxylic acids to methyl esters](image)

   mechanism:

2. Conversion of alkenes to cyclopropanes

   eg:

   ![Conversion of alkenes to cyclopropanes](image)

   mechanism:
see also diazonium ion

Contributors

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