

**transformation**

The conversion of a *substrate* into a particular product, irrespective of reagents or *mechanisms* involved. For example, the transformation of aniline (C<sub>6</sub>H<sub>5</sub>NH<sub>2</sub>) into *N*-phenylacetamide (C<sub>6</sub>H<sub>5</sub>NHCOCH<sub>3</sub>) may be effected by use of acetyl chloride or acetic anhydride or ketene. A transformation is distinct from a reaction, the full description of which would state or imply all the reactants and all the products.

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