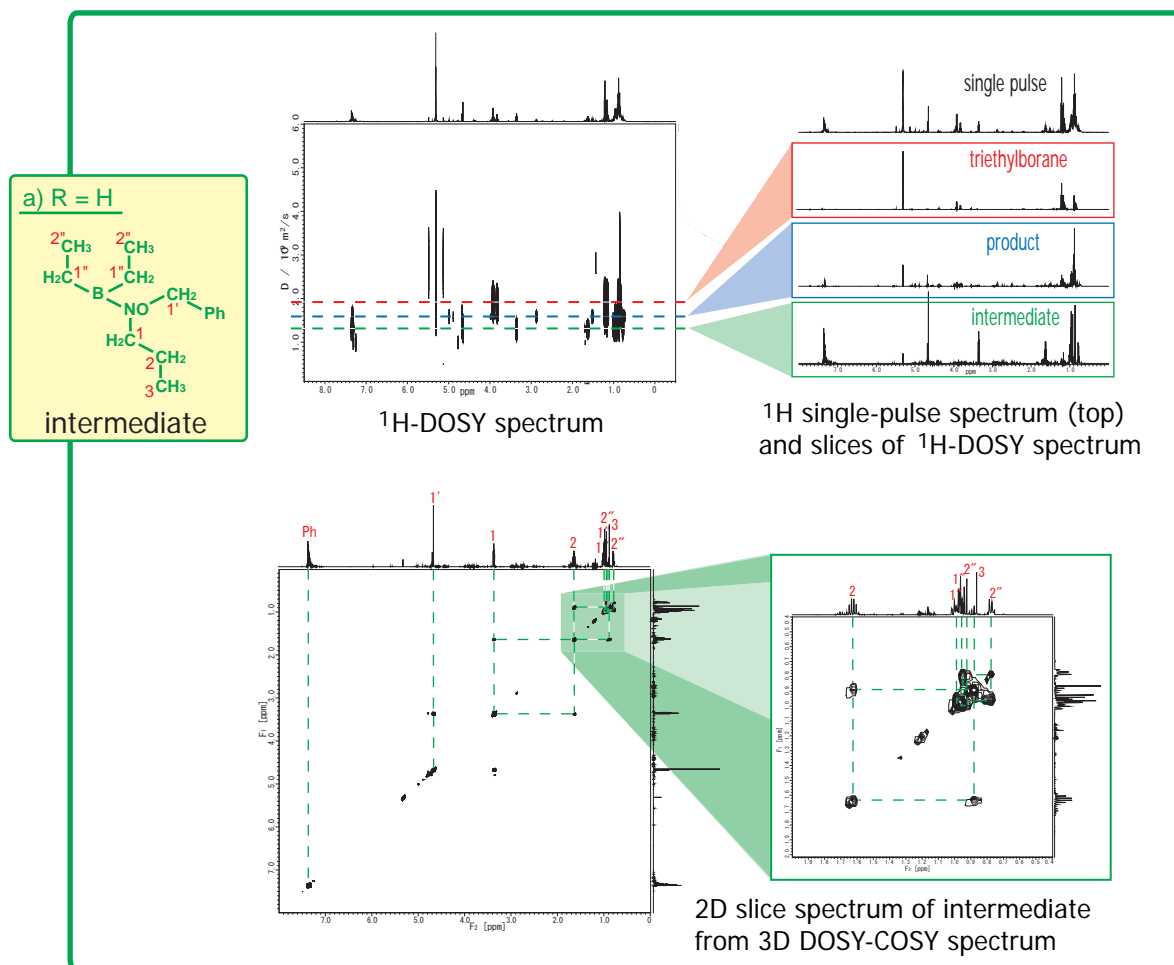
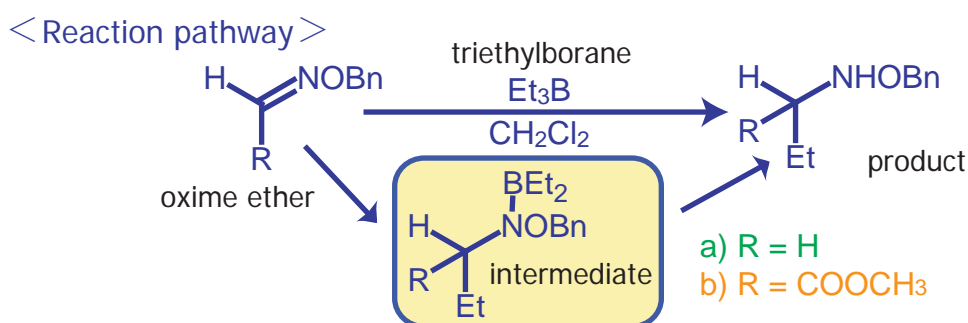


# Application of DOSY to Reaction Pathway Analysis

It is important to analyze intermediate in reaction pathway analysis. However, reaction intermediate is often unstable and so cannot be isolated. In such cases, DOSY may give an analytical tool of NMR spectroscopy without isolated purification. This Note illustrates an application of DOSY to analysis of borane complex intermediate in the synthesis of amine from oxime ether and triethylborane.

\* This study is collaborated with Prof. T. Naito, Prof. O. Miyata, and Dr. M. Ueda of Kobe Pharmaceutical University, and Prof. M. Nakakoshi of Yokohama National University.



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