

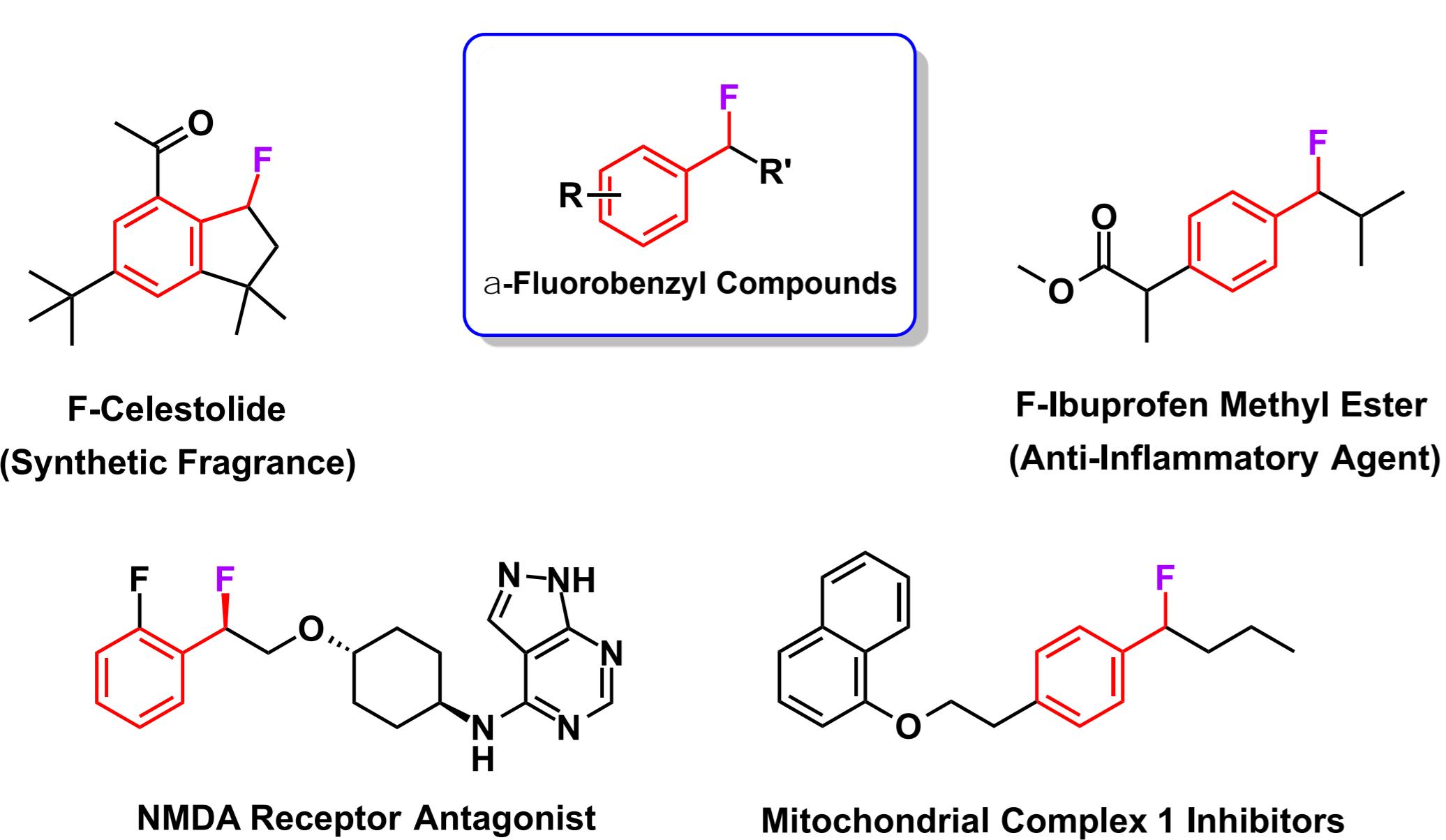
多官能性フルオロアルキル求核種の発生と連続変換反応

(群馬大院理工) 網井秀樹

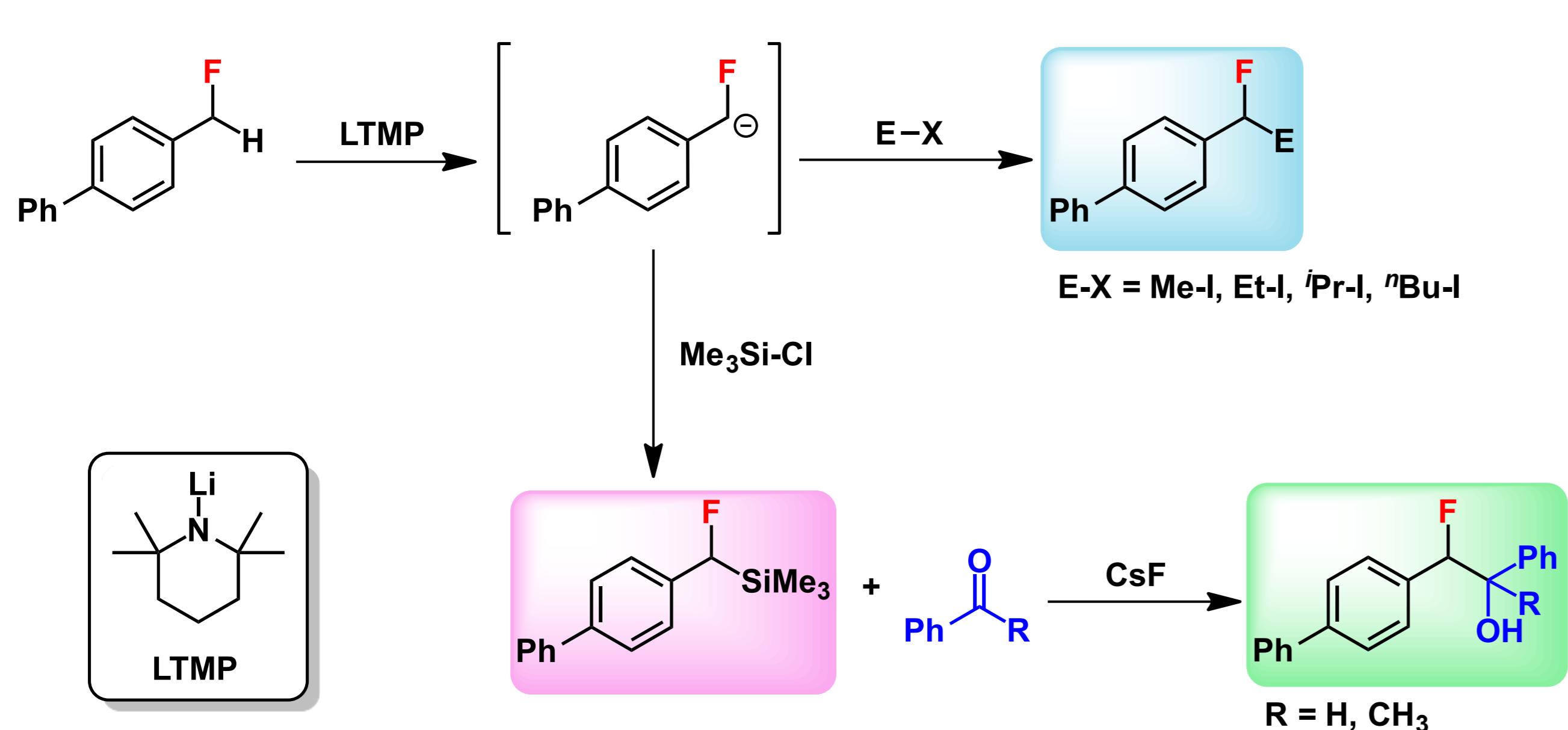


1. Introduction

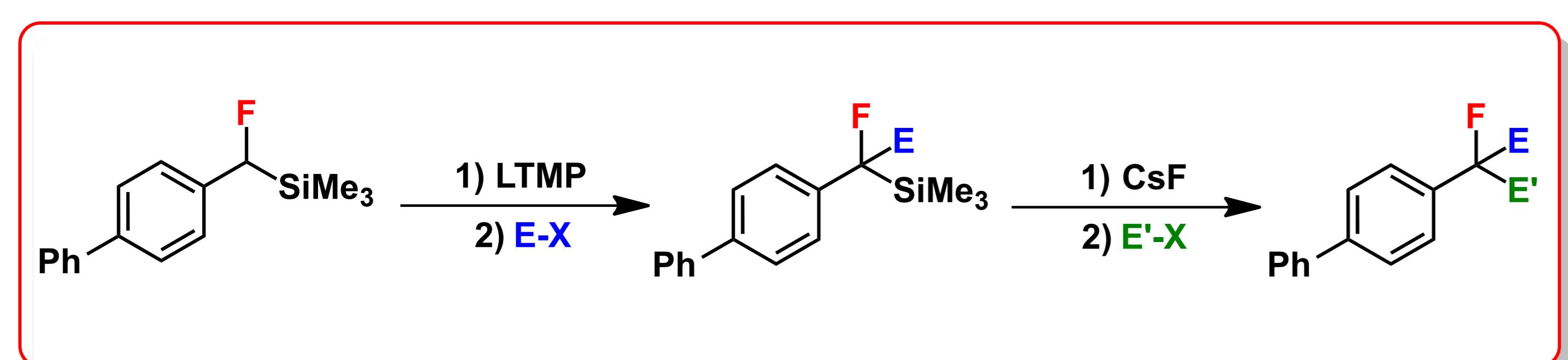
Biologically Active α -Fluorobenzyl Compounds



◆ Synthesis of α -Fluorobenzyl Compounds

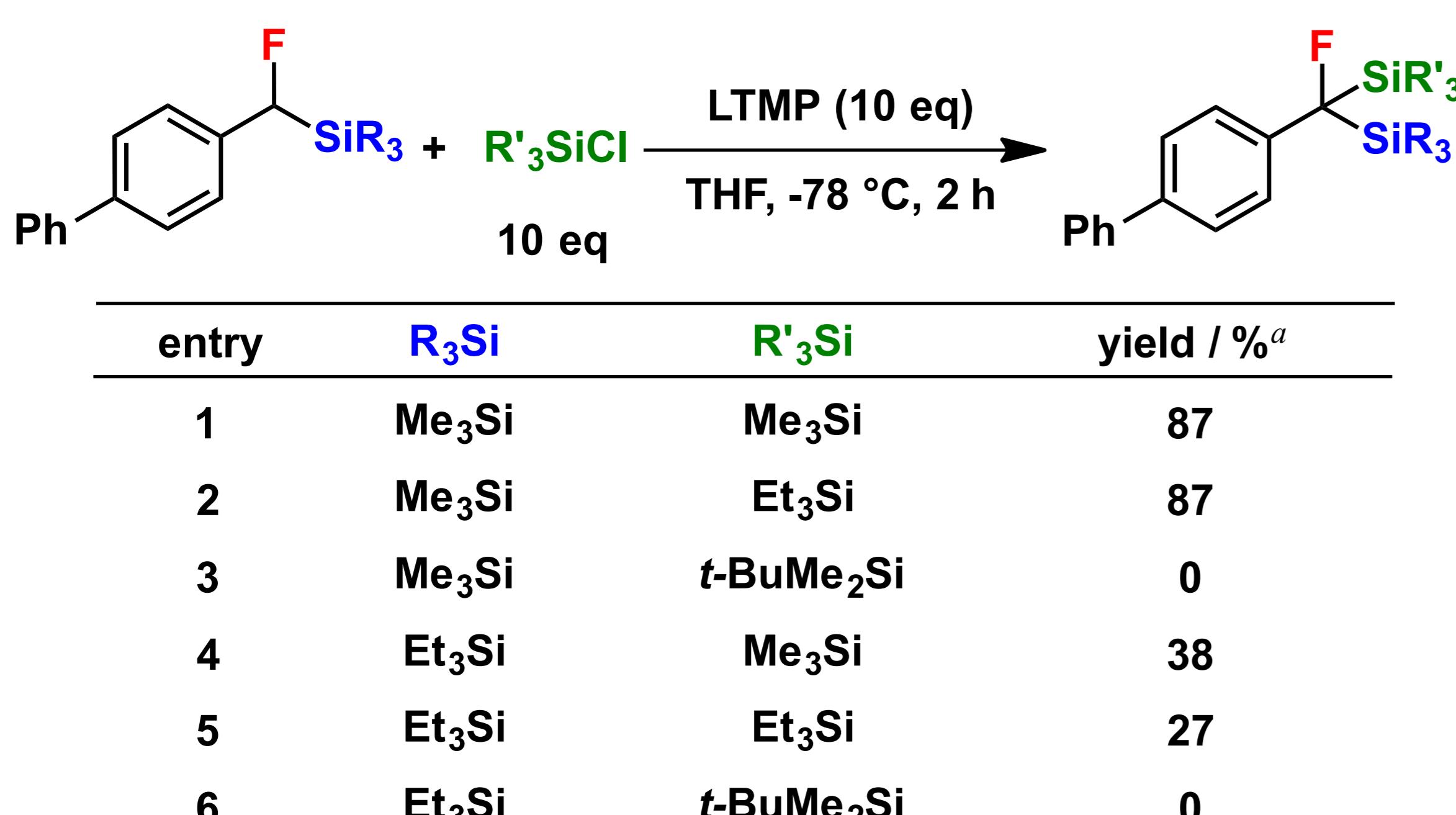


2. Research Outline



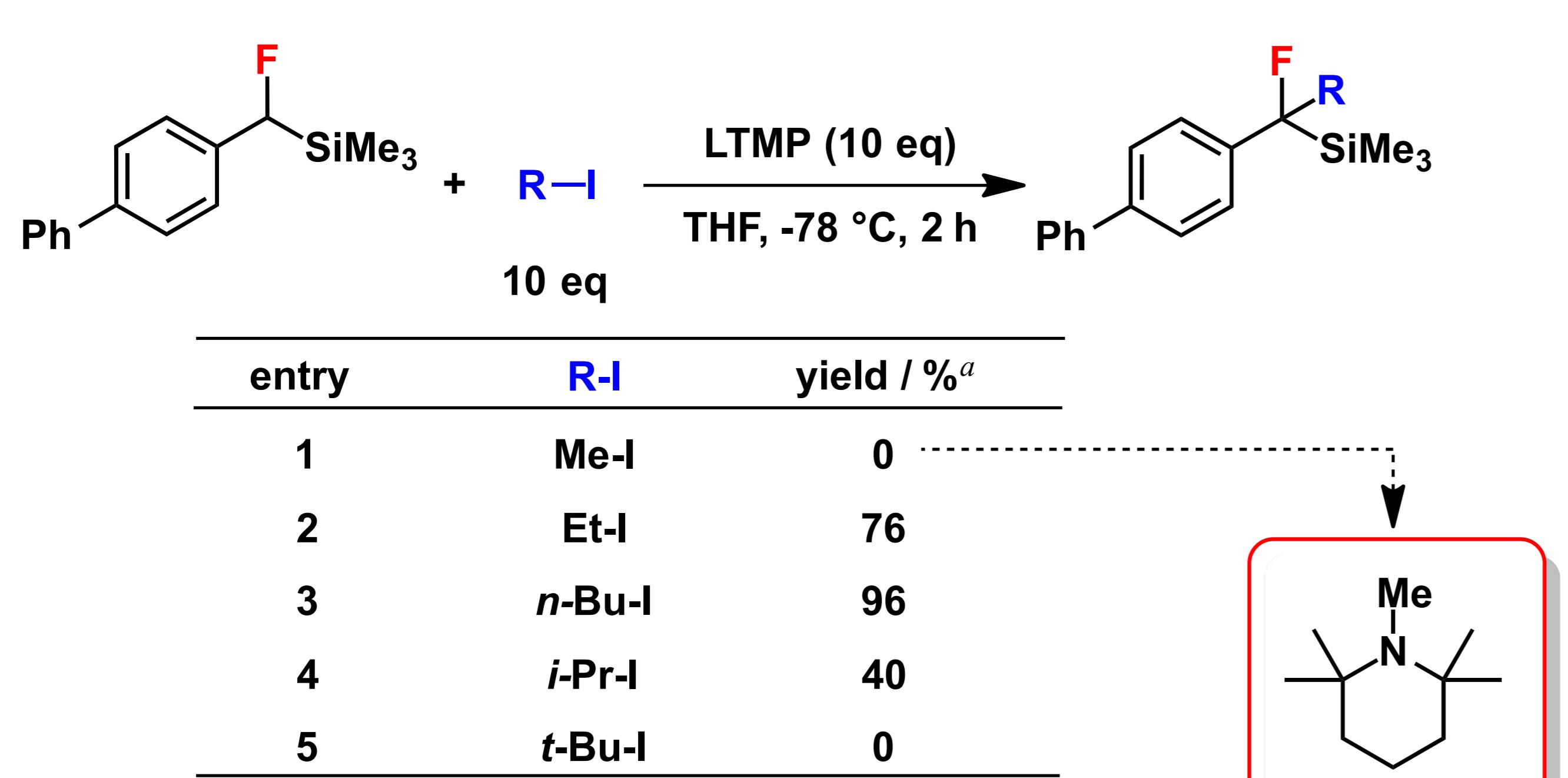
3. Results

I. (i) Reactions with Chlorosilanes



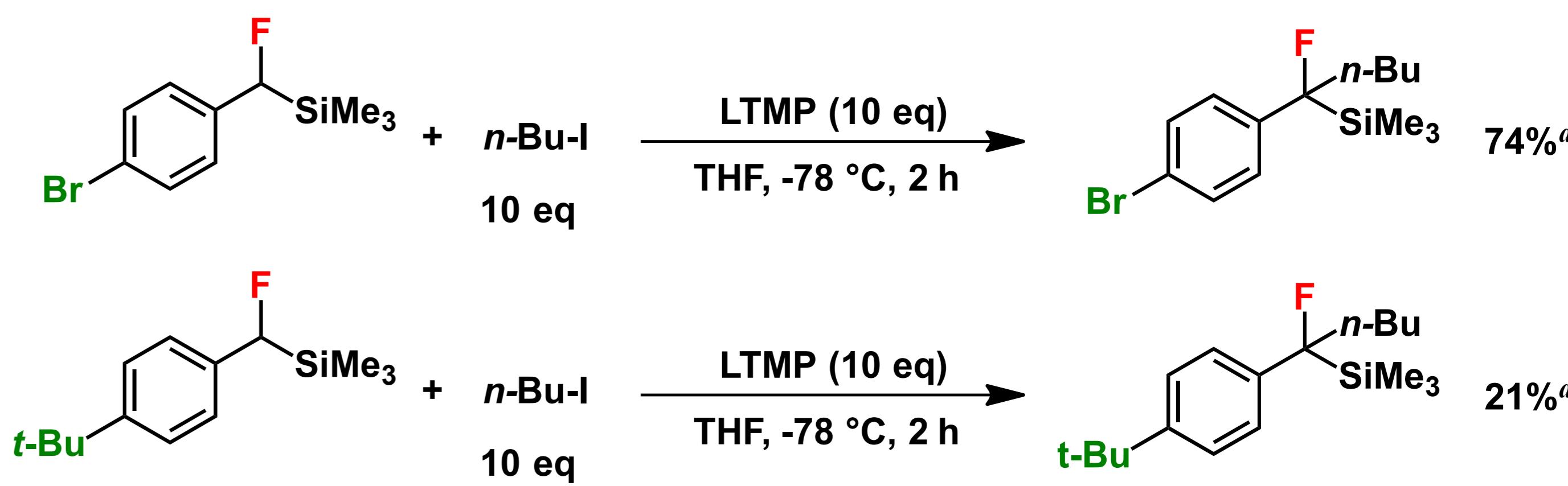
^aDetermined by ¹⁹F NMR analysis using 1,3-bis(trifluoromethyl)benzene as an internal standard.

I. (ii) Reactions with Alkyl Iodides



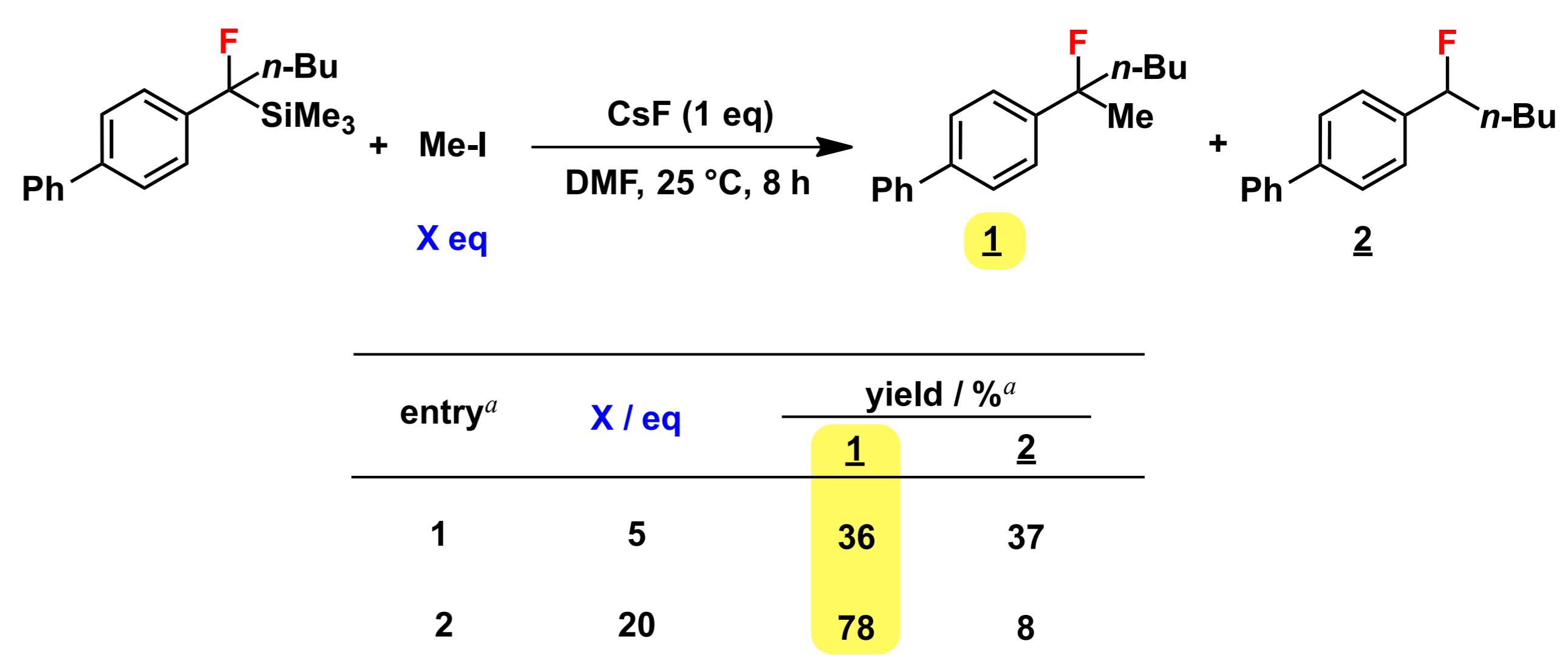
^aDetermined by ¹⁹F NMR analysis using 1,3-bis(trifluoromethyl)benzene as an internal standard.

◆ Scope of Substrates



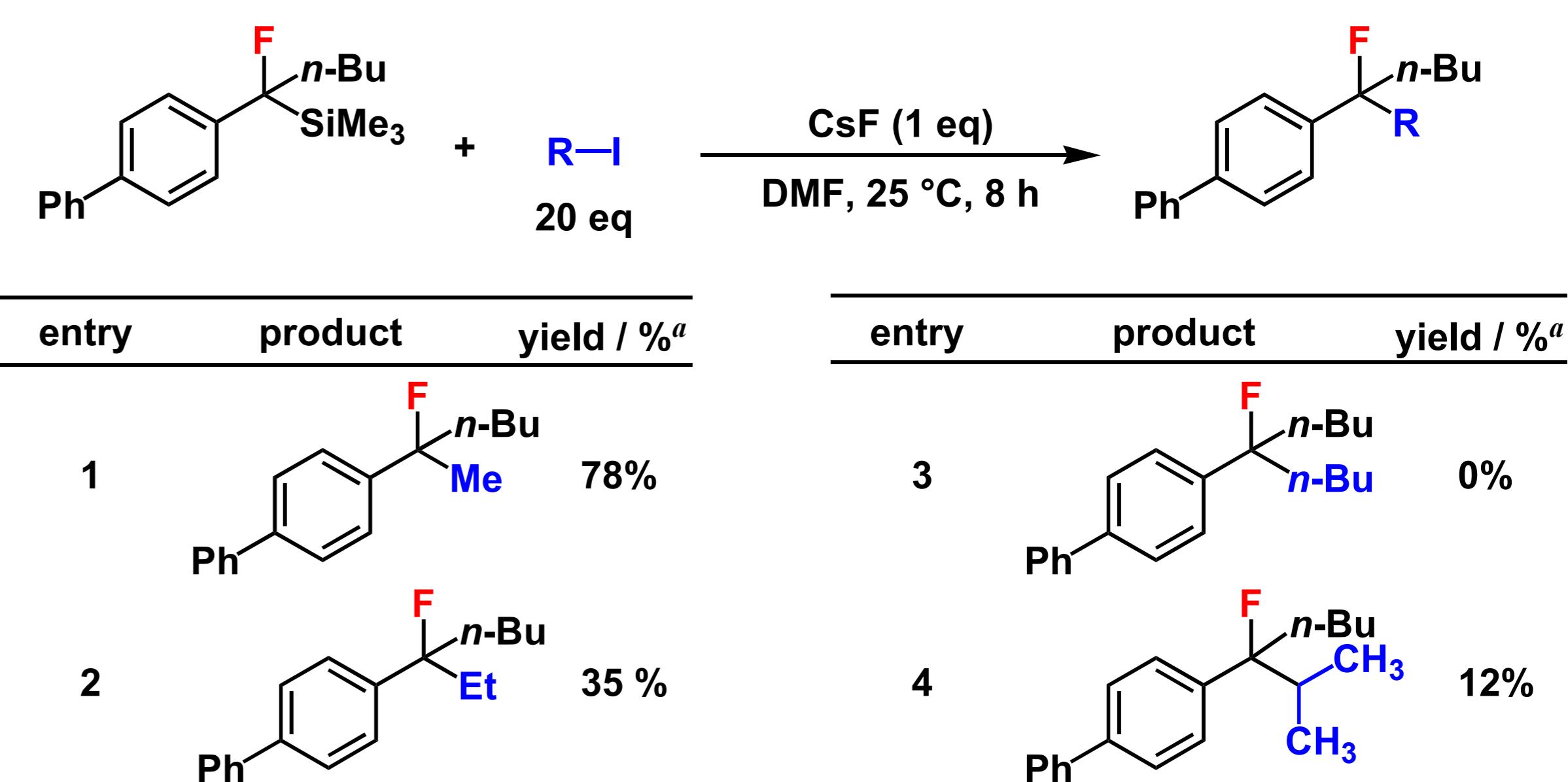
^aDetermined by ¹⁹F NMR analysis using 1,3-bis(trifluoromethyl)benzene as an internal standard.

II. (i) Reactions with Alkyl Iodides



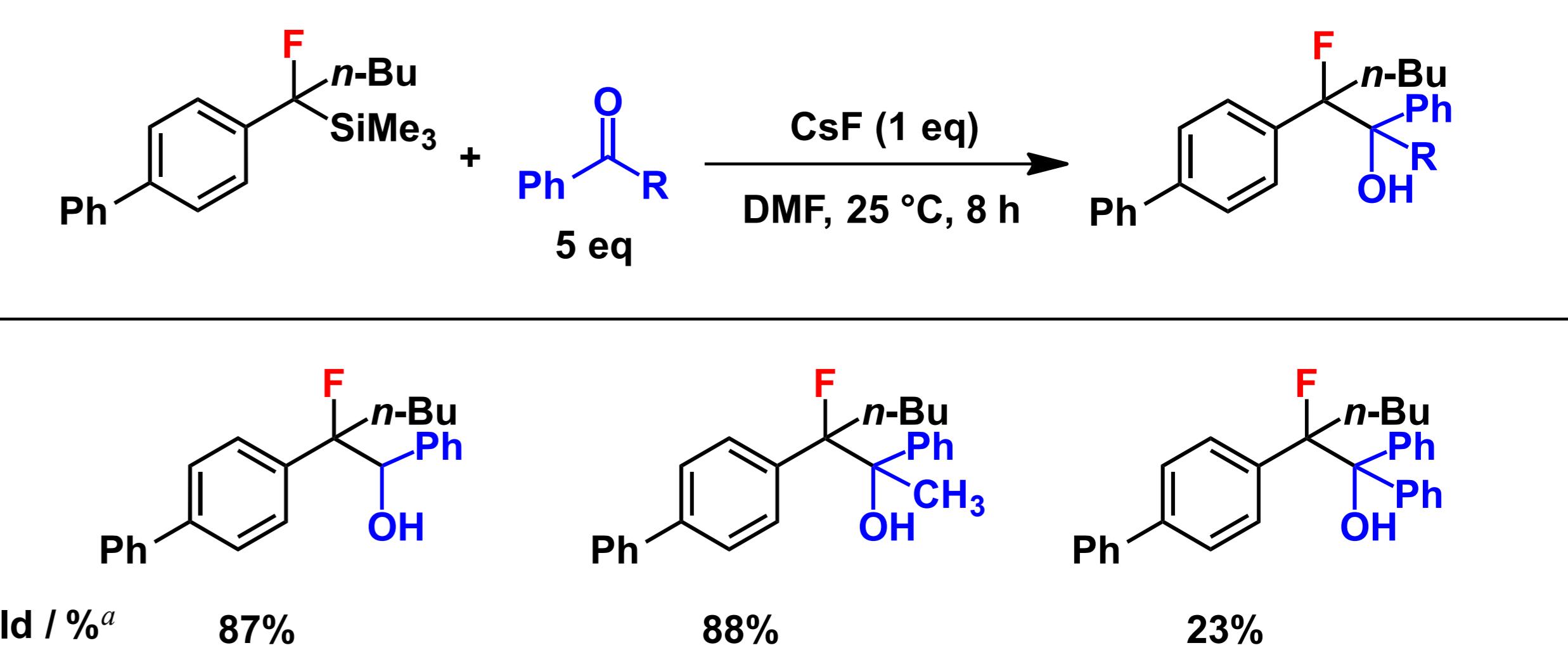
^aDetermined by ¹⁹F NMR analysis using 1,3-bis(trifluoromethyl)benzene as an internal standard.

◆ Scope of Substrates



^aDetermined by ¹⁹F NMR analysis using 1,3-bis(trifluoromethyl)benzene as an internal standard.

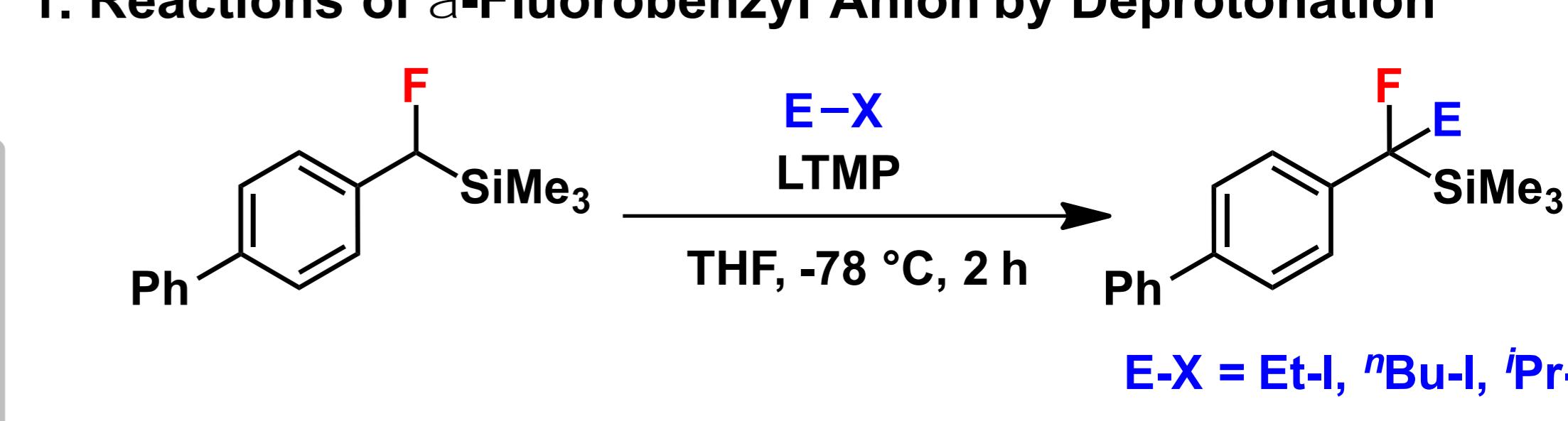
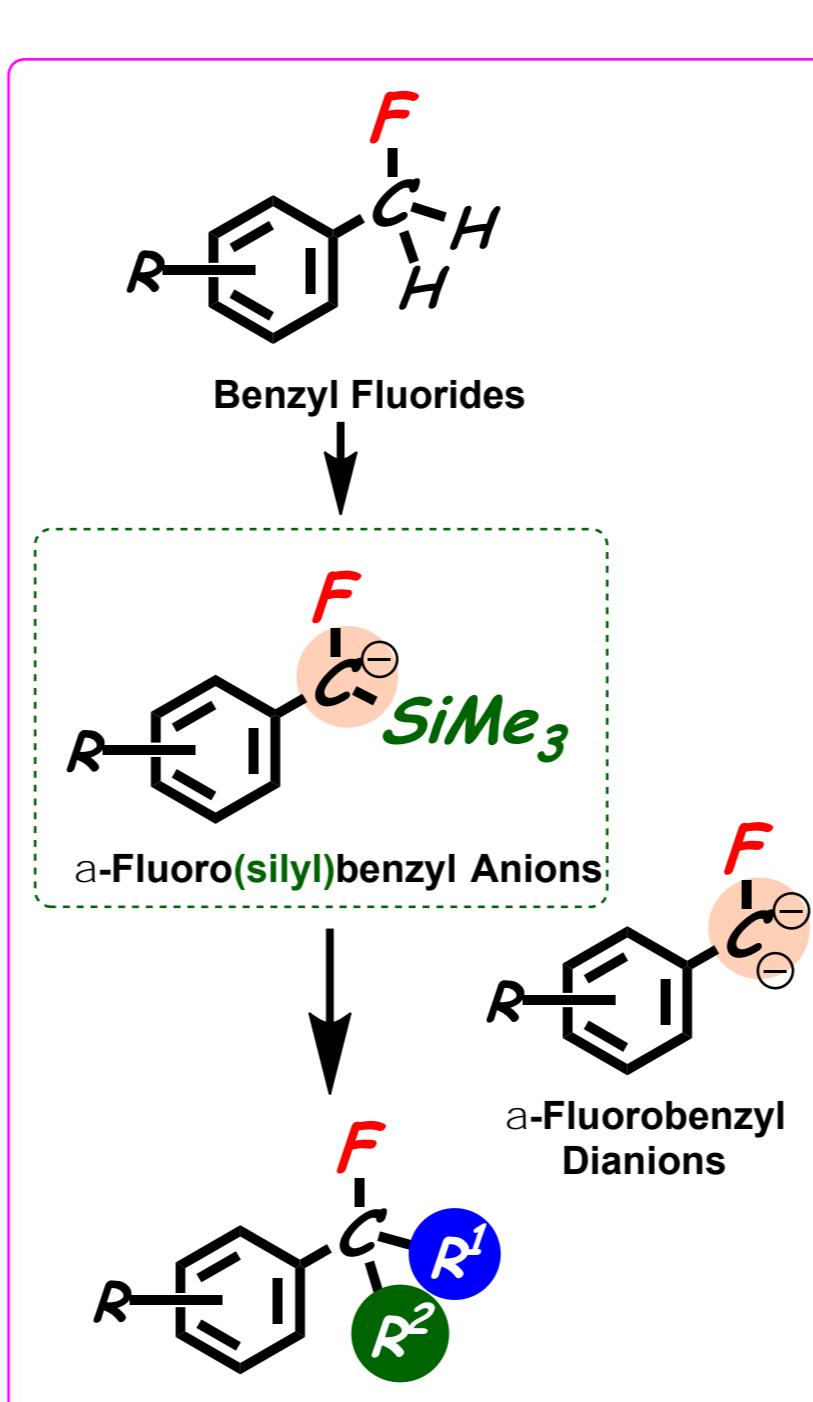
II. (ii) Reactions with Carbonyl Compounds



^aDetermined by ¹⁹F NMR analysis using 1,3-bis(trifluoromethyl)benzene as an internal standard.

4. Summary

1. Reactions of α -Fluorobenzyl Anion by Deprotonation



2. Reactions of α -Fluorobenzylsilanes

