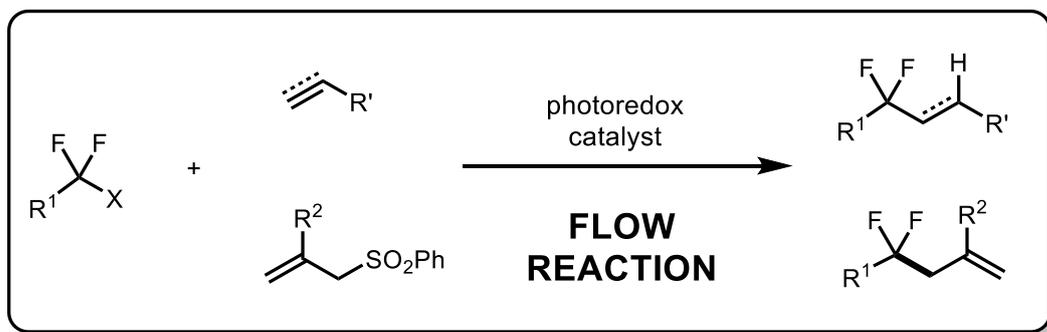


## Collaboration with Universities

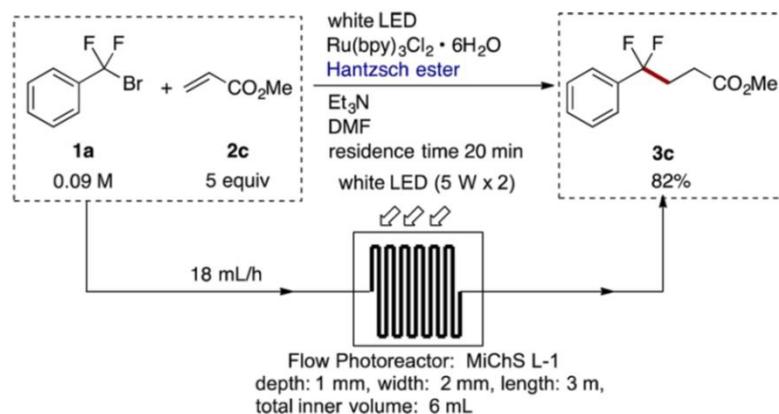
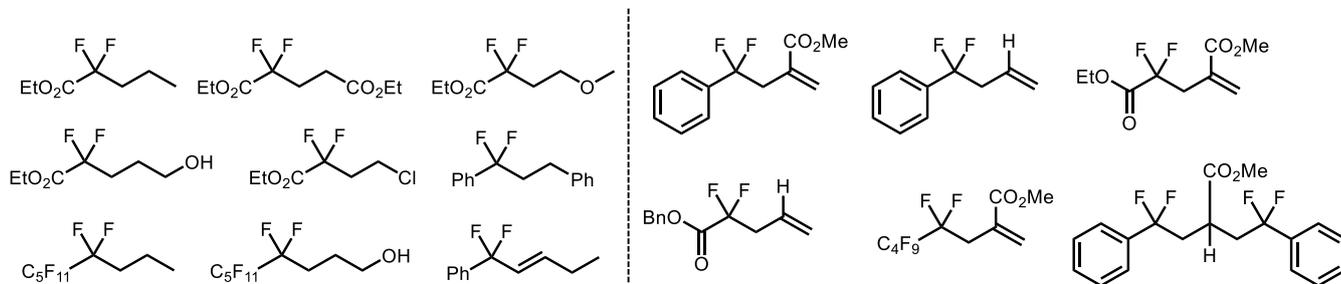
# Micro Flow reaction technology

### Photoredox-catalyzed hydrodifluoroalkylation of alkenes - joint research with Prof. Ryu, Osaka Prefecture University



- Daikin and Osaka prefecture university developed the reductive radical difluoroalkylation under photoredox catalyzed conditions.
- This reaction makes it possible to synthesize semi-fluoroalkanes and difluoro compounds in one pot.
- Collaboration with micro flow reaction enables continuous production, high productivity can be achieved in short time.

#### Application example



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