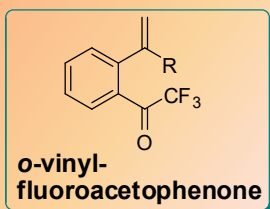
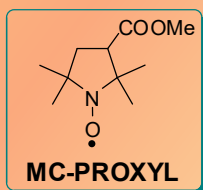
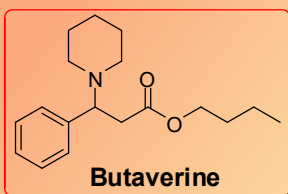
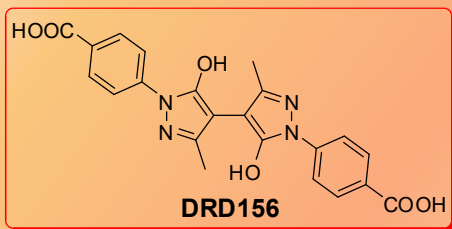
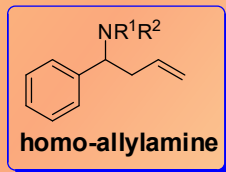
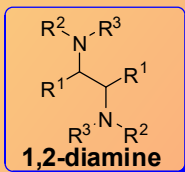
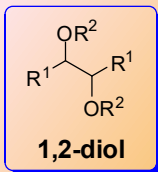
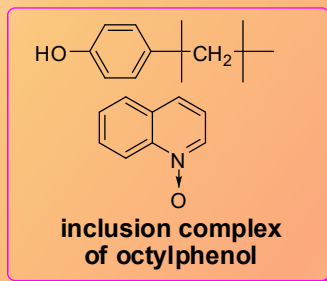
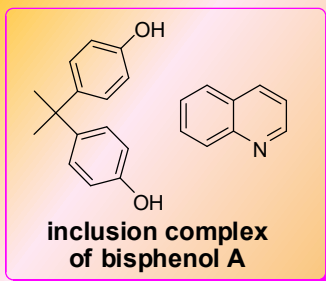


# Development of Novel Organic Reaction and Resolution of Chiral Compounds

## Associate Professor Bunpei HATANO (Ph. D.)

### Current focuses



### Content:

1. Resolution of biological actives and chiral compounds based on host-guest inclusion chemistry
2. Development of C-C bond formation using chiral molecular catalyst
3. Synthesis and properties of spin trapping reagents and labels

Our research group pursues useful new reactivity and general methods for powerful and reliable chemical transformation, and effective resolutions of biological active compounds and chiral ligands using inclusion chemistry. Our current focuses are on carbon-carbon bond formation using chiral molecular catalyst, synthesis of spin label reagents based on isoindole structure, and resolution of chiral ligands using host-guest inclusion chemistry.

### Appealing point:

We already had several projects with reliable companies! We also would like to joint exciting research for your company!

Yamagata University Graduate School of Science and Engineering  
Research Interest : Organic Synthesis, Organometallics, Inclusion Chemistry

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