

## Project Description Form

*Do NOT disclose proprietary information unless a secrecy agreement has been executed between your company and PTC Organics, Inc.*

Date: \_\_\_\_\_

Project Title: \_\_\_\_\_

### Draw the specific reaction

Include the molecular structure drawings of the specific product, reactants and byproducts (if important); molar ratios, solvent, catalyst (if any), time, temperature, yield

### Describe the performance targets

Such as yield, reaction time, solvent constraints, replace base, reduce excess, etc.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*add additional pages if necessary*

### Project Leader Information

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Send or Fax this form to Dr. Marc Halpern at PTC Organics: +1 856 222 1124

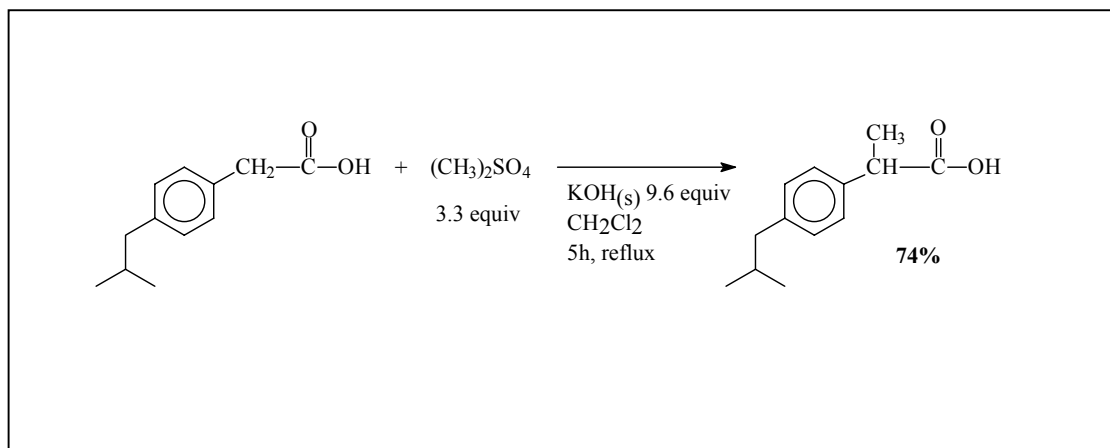
*Hypothetical Example*

Date: January 1, 2003

Project Title: C-Methylation of 4-sec-butyl phenyl acetic acid

**Draw the specific reaction**

Include the molecular structure drawings of the specific product, reactants and byproducts (if important); molar ratios, solvent, catalyst (if any), time, temperature, yield



**Describe the performance targets**

Such as yield, reaction time, solvent constraints, replace base, reduce excess, etc.

1. Improve yield to at least 90%

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2. Replace methylene chloride

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3. Use safer, less expensive methylating agent and reduce its excess

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*add additional pages if necessary*

**Project Leader Information**

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