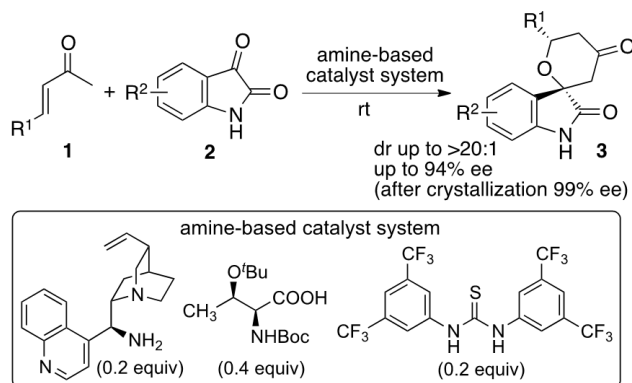


Synthesis of Novel Pharmaceutical Synthons



Applications

- Pharmaceutical compound synthons
- Diagnostic compounds
- Probe molecules for investigating bio-functions

Problem & Solution

Spirooxindoles are widely found in bioactive molecules and their synthetic intermediates. However, synthesis of spirooxindole derivatives has many obstacles. This technology provides a method to concisely and stereoselectively synthesize novel spirooxindole derivatives from easily accessible starting materials under mild conditions.

Benefits

- Synthesis of novel oxa-spirooxindole derivatives
- Asymmetric synthesis of spirooxindole derivatives with functional groups
- Transformation of the synthesized spirooxindole derivatives can further provide new products

Patent Granted

Keywords

Spirooxindole, drug screening, amine-based catalyst

For more information

Business Development/Technology Licensing Section

bdtl@oist.jp or +81-(0)98-966-8937