

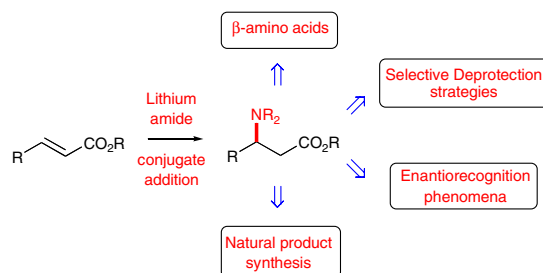
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REPORT

**The conjugate addition of enantiomerically pure lithium amides as homochiral ammonia equivalents: scope, limitations and synthetic applications** pp 2833–2891

Stephen G. Davies,\* Andrew D. Smith and Paul. D. Price

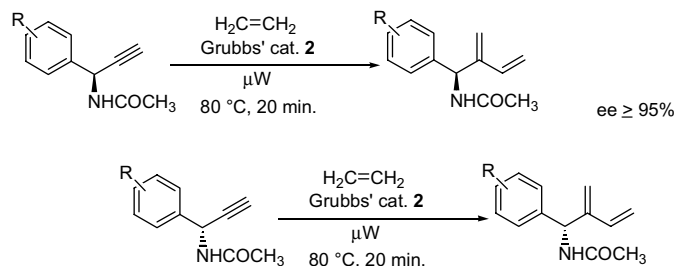
The scope, limitations and synthetic applications of homochiral lithium amides to act as homochiral ammonia equivalents in conjugate additions to  $\alpha,\beta$ -unsaturated carboxylic acid derivatives are reviewed.



COMMUNICATION

**Microwave-assisted ethylene–alkyne cross-metathesis: synthesis of chiral 2-(*N*-1-acyl-1-arylmethyl)-1,3-butadienes** pp 2893–2896

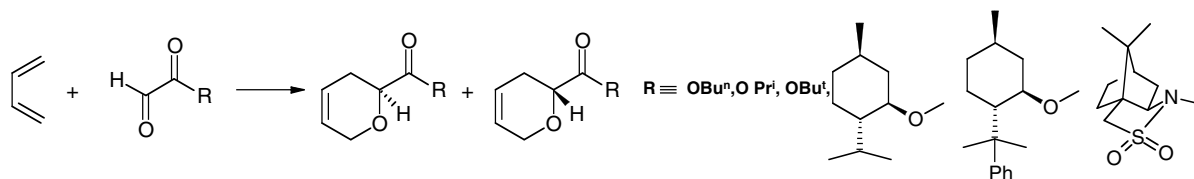
Daniele Castagnolo, Michela L. Renzulli, Elena Galletti, Federico Corelli and Maurizio Botta\*



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**Stereochemistry of the Diels–Alder reaction at high pressure: diastereo- and enantioselective [4+2]cycloaddition of buta-1,3-diene to glyoxylic acid derivatives catalysed by (salen) chromium(III) complexes** pp 2897–2900

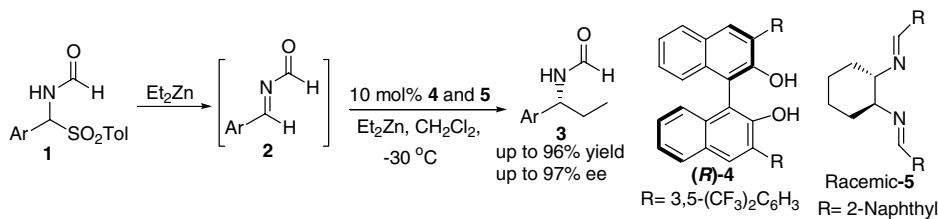
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**Discovery of chiral catalysts by asymmetric activation for highly enantioselective diethylzinc addition to imines: using racemic and achiral diimines as effective activators**

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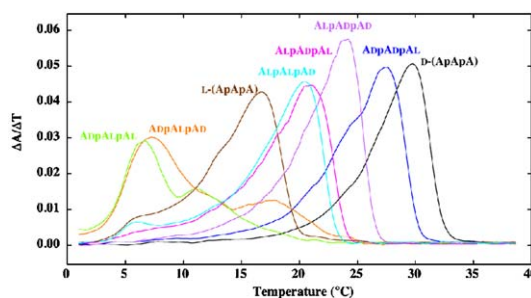
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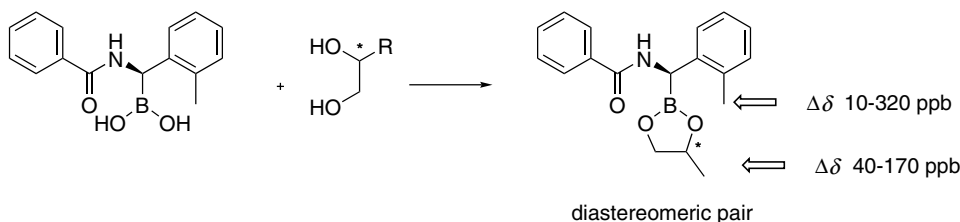
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**Enantiomeric excess of 1,2-diols by formation of cyclic boronates: an improved method**

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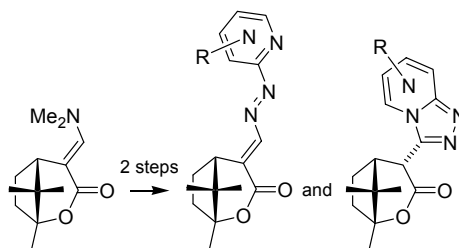
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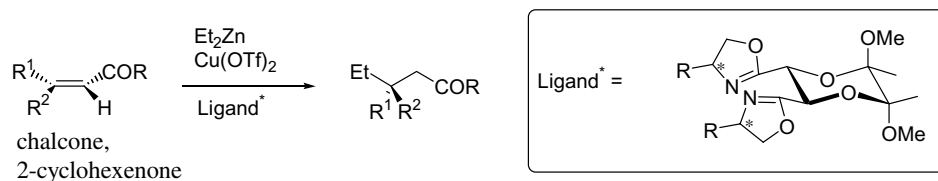
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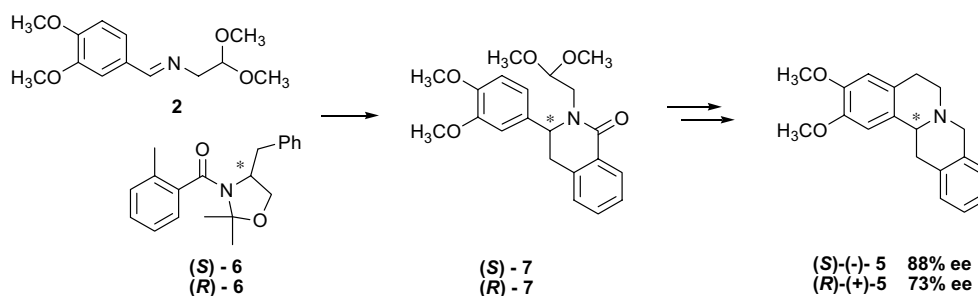
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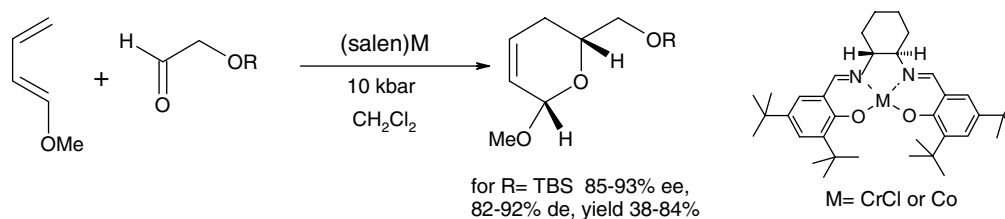
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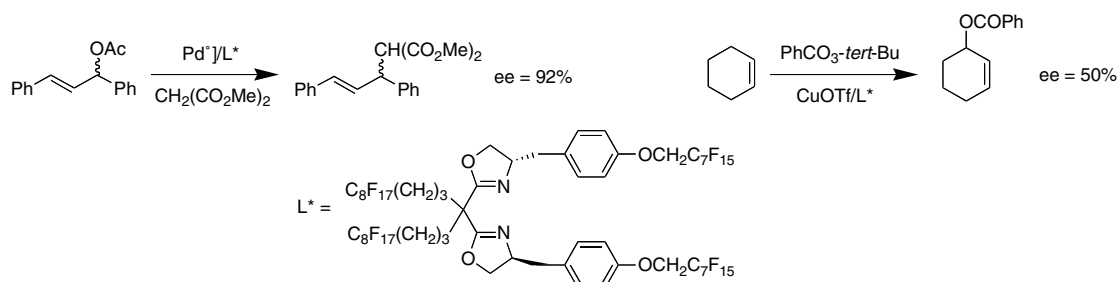
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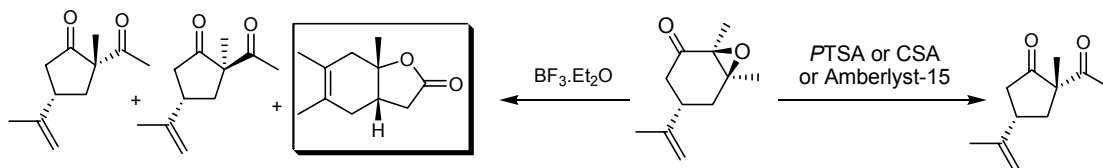


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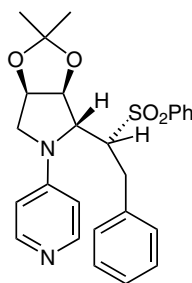
Jerome Bayardon and Denis Sinou\*





Chemistry of sulfones: synthesis of a new chiral nucleophilic catalyst

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