

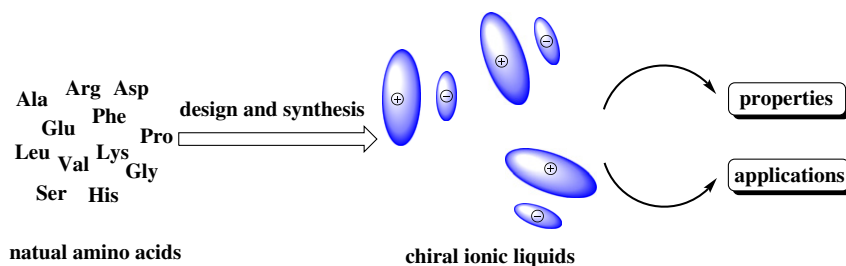
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### REPORT

#### Advances in chiral ionic liquids derived from natural amino acids

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Xuewei Chen, Xuehui Li,\* Aixi Hu\* and Furong Wang

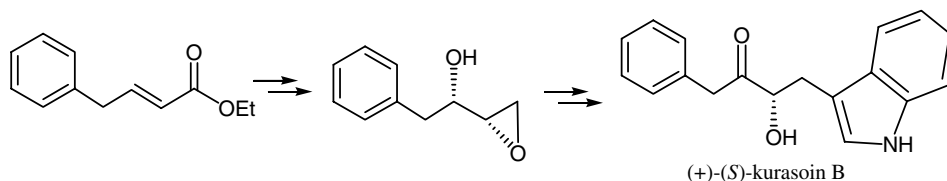


### ARTICLES

#### A short synthesis of (+)-(*S*)-kurasoin B

pp 15–18

Rodney A. Fernandes

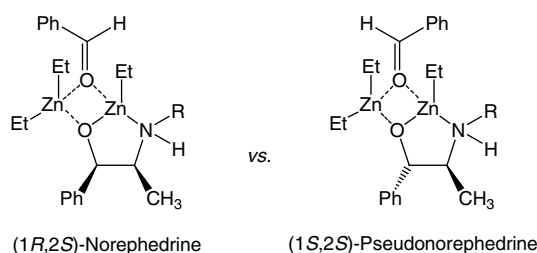


An efficient short enantioselective synthesis leading directly to (+)-(*S*)-kurasoin B has been achieved in 5 steps and 25% overall yield from (*2E*)-ethyl-4-phenylbut-2-enoate using Sharpless asymmetric dihydroxylation and  $\text{CH}_3\text{NO}_2$ -assisted or  $\text{Yb}(\text{OTf})_3$ -catalyzed regioselective C-3 coupling of indole as the key steps.

#### $\beta$ -Amino alcohols derived from (1*R*,2*S*)-norephedrine and (1*S*,2*S*)-pseudonorephedrine as catalysts in the asymmetric addition of diethylzinc to aldehydes

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Raleigh W. Parrott, II and Shawn R. Hitchcock\*

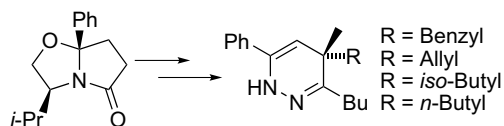


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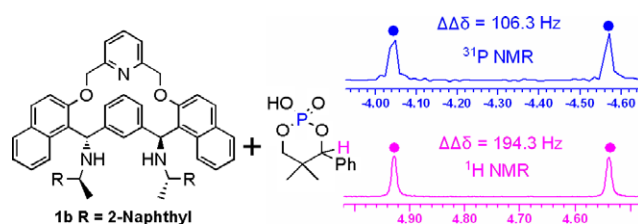


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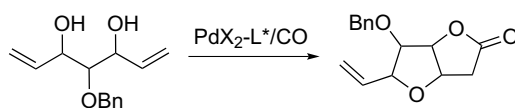


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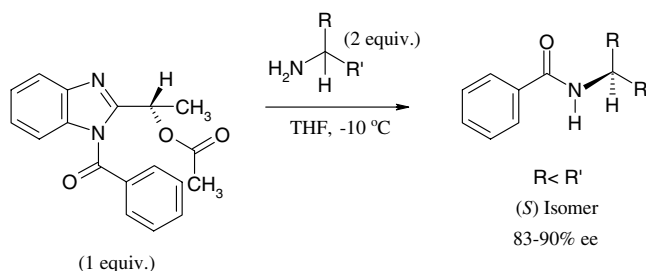


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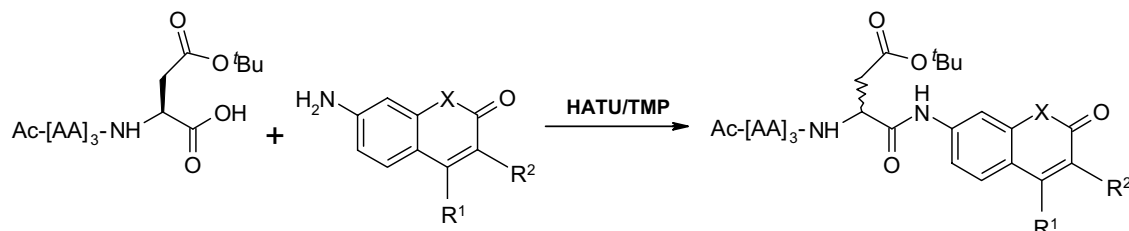
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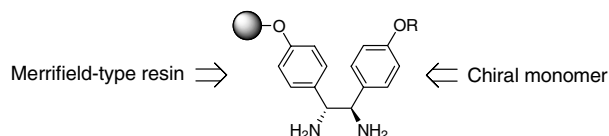
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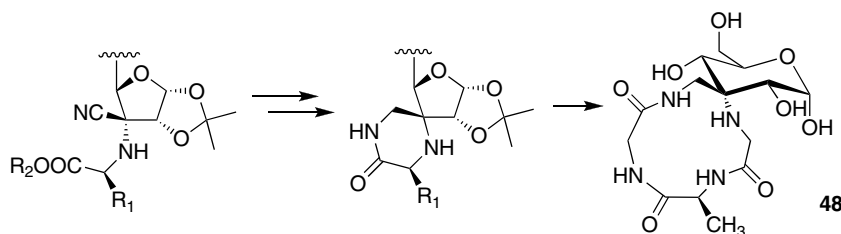
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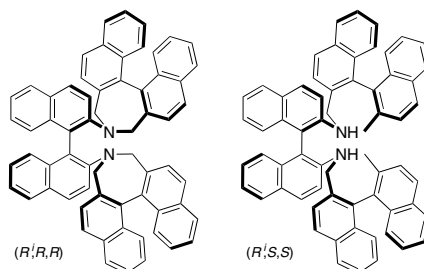
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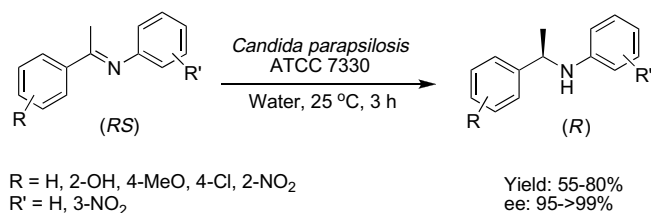
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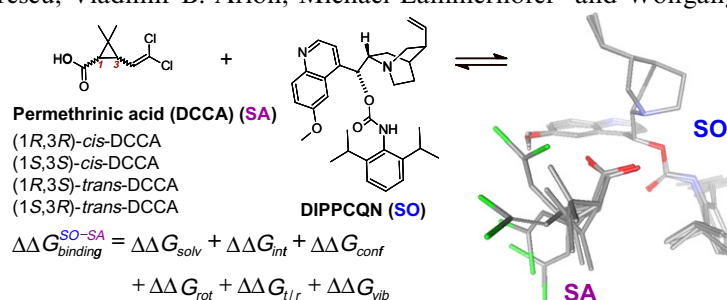
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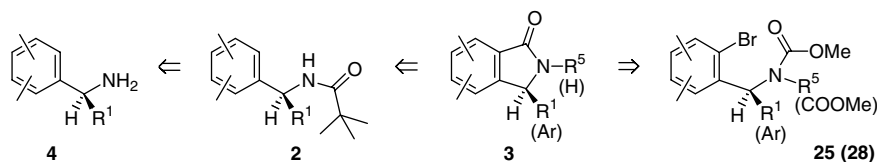
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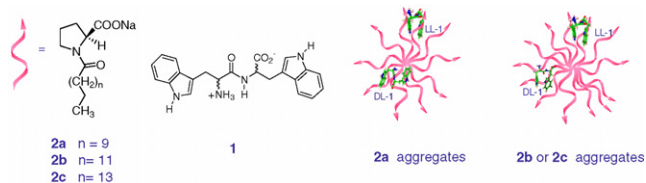
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\*Corresponding author

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