

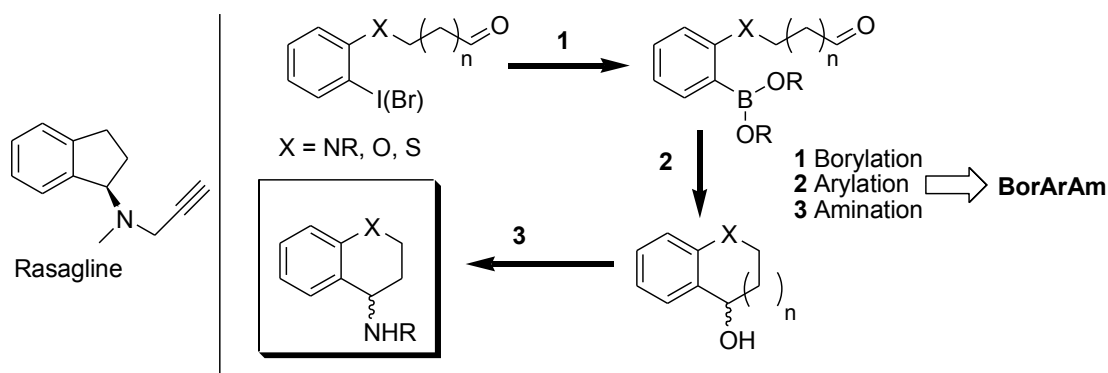
BorArAm - Catalytic Asymmetric Arylating Cyclizations: A New Route to Chiral Bicyclic Amines

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Nowadays neurodegenerative diseases such as Alzheimer's disease and Parkinson disease represent a worldwide health threat. Rasagiline is one well-known medication for the treatment of Parkinson's disease, but more and cheaper alternatives are required.¹ For this reason, our group is currently investigating a new catalytic asymmetric arylating² cyclization route - borylation-arylation-amination (BorArAm) (**Scheme 1**) giving useful potential lead compounds based on the rasagiline core structure for treating these diseases. Our results will be discussed in this communication.



Scheme 1: Reaction sequence for the synthesis of chiral bicyclic amines.

Acknowledgements: This work is supported by the project: INMOLFARM - Molecular Innovation and Drug Discovery (ALENT-57-2011-20) financed from the FEDER-INALENTEJO program ALENT-07-0224-FEDER-001743, as well as PEst-OE/QUI/UI0619/2011 (CQE-UE).

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