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Title: Detailed Investigations into the Akabori-Momotani reaction for the Synthesis of Amphetamine Type Stimulants: Part 2

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### ACCEPTED MANUSCRIPT

#### Akabori 2 highlights

- Substituted benzaldehydes convert into pseudoephedrines
- Electronic influence of the substituent on reaction outcomes were minor
- Molecular modelling provides insight into substituents lack of influence
- Sub-optimal reaction conditions with p-methoxy benzaldehyde produce new by-products
- Stereochemical purity of products rationalised by molecular modelling

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