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Synthesis of a new bulky phosphite ligand and its application in the enantioselective hydrogenation

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Synopsis.

A new bulky phosphite ligand was synthesized and tested in the asymmetric Rh-catalyzed hydrogenation of a series of substrates, including dimethyl itaconate (up to 95% *ee*), α - and β -dehydroamino acid derivatives (up to 88% and 76% *ee*, respectively).

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