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**A Magnetically Recyclable Heterogeneous BINOL Organocatalyst for the  
Asymmetric Aldol Reaction**

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Highlights

- The first example of BINOL-derivative immobilised on magnetic iron particles.
- BINOL-MIOP facilitates asymmetric aldol reactions in moderate-to-good yields.
- BINOL-MIOP can be reused up to 10 times without losing its stereoselectivity.

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