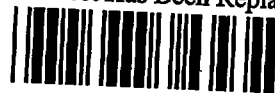


ABSTRACT OF THE DISCLOSURE

The catalytic asymmetric hydrogenation of enol
esters with a vinyllic or acetylenic substituent
5 proceeds with extremely high enantioselectivity using a
Rhodium-chiral bisphosphine catalyst. This is at
variance with the hydrogenation of enol esters bearing a
saturated substituent, which are hydrogenated with only
marginal enantioselectivity under the same conditions.

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This Sheet Has Been Replaced



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