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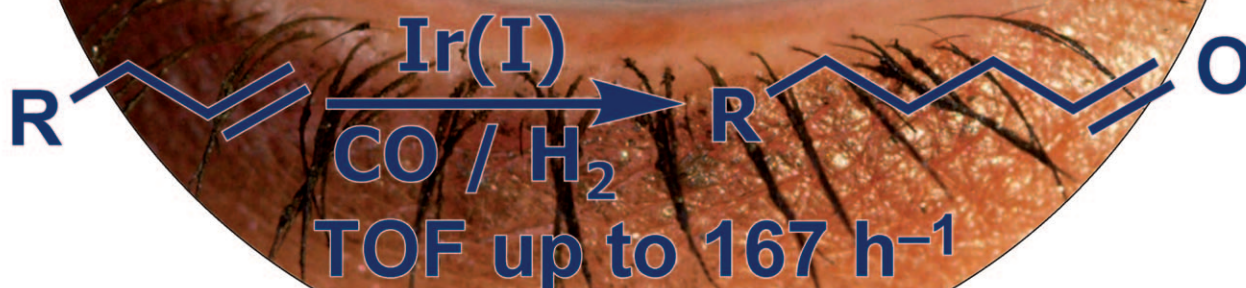
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Iridium

ἰριόειδής : rainbow



With respect ...

... to scale, hydroformylation of aliphatic olefins is the most important homogeneous catalytic reaction. More than 8 million tons of oxo products are annually produced by this method. In their Communication on page 280 ff., Beller and co-workers report on a general protocol for the catalytic hydroformylation of olefins using Ir precursors and phosphine ligands. By carefully controlling the conditions, unwanted hydrogenation side reactions are prevented.

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Inside Cover

Irene Piras, Reiko Jennerjahn, Ralf Jackstell, Anke Spannenberg, Robert Franke, and Matthias Beller*

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