

A B S T R A C T

The invention relates to a process for the
5 dimerization of a conjugated diene using an iron triad
metal nitrosyl halide, in combination with a reducing
agent, as catalyst. The process is characterized in that
the dimerization is carried out in the presence of
nitrogen monoxide (NO). The invention is of interest in
10 particular for the dimerization of butadiene to 4-vinyl
cyclohexene.

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