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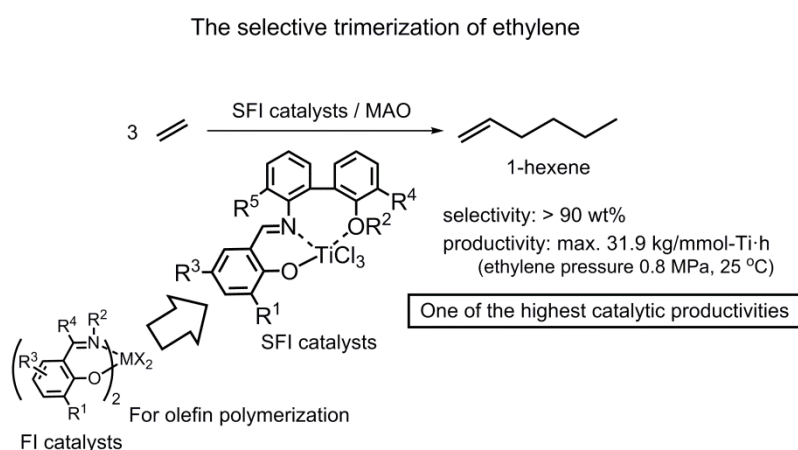
Development of new selective ethylene trimerization catalysts  
based on highly active ethylene polymerization catalysts

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GRAPHICAL ABSTRACT



HIGHLIGHTS

- Ti complexes were developed for selective ethylene trimerization to give 1-hexene.
- The complexes possess phenoxy-imine-ether chelate ligands.
- The catalytic performance displayed is one of the best reported so far.
- The technology has already been commercialized at Mitsui Chemicals.

ABSTRACT

A family of phenoxy-imine-ether ligated Ti complexes for selective ethylene trimerization have been developed from highly active bis(phenoxy-imine) early transition metal ethylene

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