

Metal complexes bearing ONONu ligands as highly active catalysts in carbon dioxide and epoxide coupling reactions.

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1st [Mónica Viciano Miralles](#); 2nd [Bianca K. Muñoz](#); 3rd [Manuel López Reyes](#); Last [Carmen Claver](#)

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Description

The use of carbon dioxide as feedstock in catalytic processes has attracted the attention of industrials in the last decades. Recently, it has increased the number of studies where carbon dioxide is used as starting material for the synthesis of fine chemicals (carbonates, carboxylic acids, etc.), new polymeric materials (poly-alkylene carbonates, urethanes, etc.) or fuels such as methanol. Organic cyclic carbonates are very interesting due to their enormous scope...