

ABSTRACT

The present invention relates to a method for producing a Tebbe complex having high purity and high activity and having excellent storage stability in a high yield, the method including allowing bis(cyclopentadienyl)titanium dichloride and trimethylaluminum to react with each other in the presence of a solvent such that a solubility of the Tebbe complex in 1 g of the solvent at 25°C is 0.5 mmol/g or less.