

Abstract

A metallocene complex and a preparation method therefor, a catalyst composition, an olefin polymerization method and an olefin polymer. The metallocene complex has a structure as shown in formula I. The catalyst composition containing the metallocene complex shows an improved catalytic activity, and also has relatively high structural regularity control capability for a conjugated diene structural unit and a relatively high capability for copolymerizing ethylene and conjugated diene. In addition, the metallocene complex is simple in terms of preparation process and low in cost.

[No Figure]