

ORGANOPHOSPHORUS COMPOUNDS BASED ON TETRAPHENOL (TP)-SUBSTITUTED STRUCTURES

5

ABSTRACT

The invention relates to the synthesis of tetraphenol-substituted structures, in particular meta-substituted xylenes. Said tetraphenol-type structures are reacted to obtain organic phosphorus compounds, in particular organophosphites. The invention further relates to the production of catalytically active compositions which contain transition metals in addition to the aforementioned organic phosphorus compounds. According to another subject matter of the invention, said catalytically active compositions are used in chemical reactions with small molecules, e.g. HCN, CO, hydrogen, and amines.

15

No Suitable Figure