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New Procedure of Kinetic Resolution of t-Butylphenylphosphine Oxide

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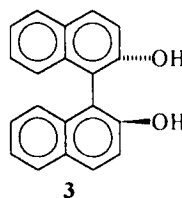
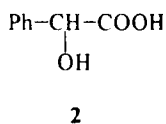
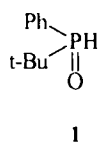
New Procedure of Kinetic Resolution of t-Butylphenylphosphine Oxide

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The title compound: optically active t-butylphenylphosphine oxide **1** is widely used as a key substrat for the synthesis of other optically active derivatives such as α -hydroxyphosphine oxides, vinylphosphine oxides. Till now, it has been obtained by a few rather laborious procedures ¹

In this paper we would like to present a very simple nonclassical resolution procedure of the racemic **1** using commercially available mandelic acid **2** and 2,2'-dihydroxy-1,1'-binaphthyl **3** as chiral resolving agents



References

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