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## Synthesis of the azapodands with phosphoryl terminal groups

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## Abstract

© 2016 Taylor & Francis Group, LLC.New lipophilic phosphorylated azapodands with different substituents at the nitrogen atom were synthesized via the Kabachnik-Fields reaction in the three-component system: di-p-tolylphosphinous acid- formaldehyde-1,8-diamino-3-6-dioxaoctane. The reaction was carried out in toluene or acetonitrile media, with p-toluenesulfonic acid acting as a catalyst.

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## Keywords

Kabachnik-Fields reaction, phosphorylated azapodands, synthesis