

Rotaxane Building Blocks bearing Blocked Isocyanate Stoppers: Polyrotaxanes through Post-Assembly Chain Extension

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Abstract

A simple versatile route to polyrotaxanes with a variety of topologies is described through the synthesis and subsequent polymerization of readily accessible and stable rotaxane monomers containing bulky blocked isocyanate stopper groups.

Link to download paper: <http://onlinelibrary.wiley.com/doi/10.1002/anie.200351458/abstract>