



A synthetic polymerase ...

... including a cyclodextrin dimer is used to produce high-molecular-weight polymers. In their Communication on page 7524 ff., A. Harada and co-workers report that one CD moiety (green) of the dimer acts as the active site of the polymerization, whereas the other moiety (purple) serves as an artifical molecular clamp that propagates the polymerization by holding the polymer chain (blue). This system is reminiscent of the DNA polymerase shown in the background of the picture.



Back Cover

Yoshinori Takashima, Motofumi Osaki, Yoshihiro Ishimaru, Hiroyasu Yamaguchi, and Akira Harada*

A synthetic polymerase including a cyclodextrin dimer is used to produce high-molecular-weight polymers. In their Communication on page 7524 ff., A. Harada and co-workers report that one CD moiety (green) of the dimer acts as the active site of the polymerization, whereas the other moiety (purple) serves as an artifical molecular clamp that propagates the polymerization by holding the polymer chain (blue). This system is reminiscent of the DNA polymerase shown in the background of the picture.

