HETEROCYCLIC AZIDE UNITS AND THEIR USE IN POLYMER COATINGS

ABSTRACT

Described herein are heterocyclic azide-containing monomer units, copolymers comprising such heterocyclic azide-containing monomer units, substrate-bound copolymers, and oligonucleotide-bound copolymers, methods for making such copolymers and reacting them with a substrate and/or oligonucleotide, and methods of using such copolymers for immobilization of oligonucleotides to a substrate, for example for use in DNA sequencing or other diagnostic applications.

[No figure]