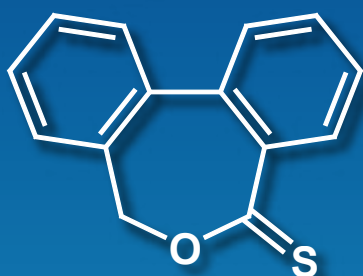
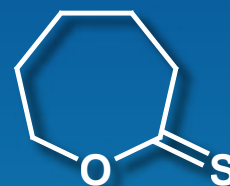


Thionolactone Monomers for the Development of Degradable Polymers



Dibenzo[*c,e*]oxepine-5(7*H*)-thione
1g / 5g [D6519]



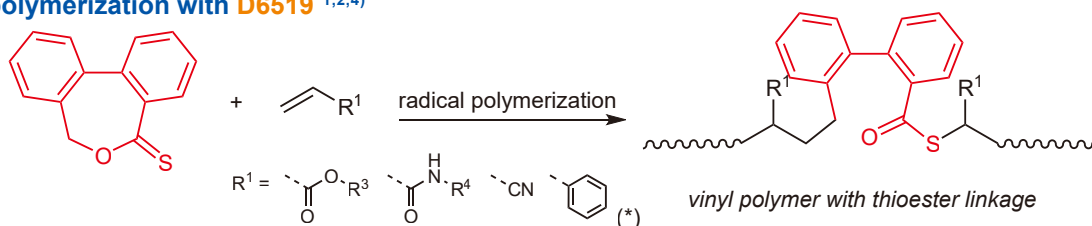
Oxepane-2-thione
1g / 5g [O0714]

Advantages

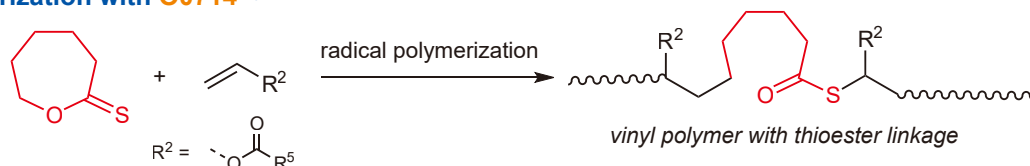
- Applicable to copolymerization with vinyl monomers via radical ring-opening polymerization (rROP), enabling the synthesis of vinyl polymers with degradable thioester linkages
- **D6519**: Applicable to copolymerization with acrylates, acrylamides, acrylonitriles, and stylenes (*)
- **O0714**: Applicable to copolymerization with vinyl esters

Applications

Copolymerization with D6519^{1,2,4)}



Copolymerization with O0714³⁾



- References**
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 - 3) O. Ivanchenko, S. Harrison, et al., *Polym. Chem.* **2021**, 12, 1931. <https://doi.org/10.1039/D1PY00080B>
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