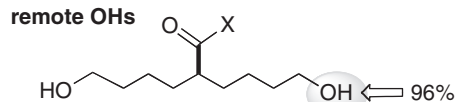
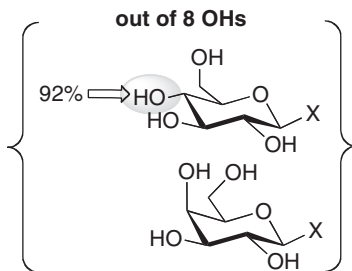
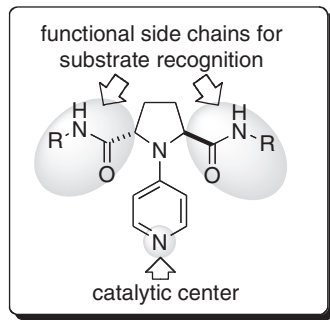


S27-6 Regioselective Manipulation of Polyols by Functional Organocatalysts via Dynamic Molecular Recognition

○Takeo KAWABATA¹

¹Institute for Chemical Research, Kyoto University

Regioselective manipulation of multifunctionalized compounds has been a focus of current organic synthesis. This has been scarcely achieved because of the lack of the established methodology. We have developed organocatalysts with functional side chains for substrate recognition, which enable the regioselective acylation of polyols via fine molecular recognition of the substrate structure at the transition state.



discrimination of *E/Z*

