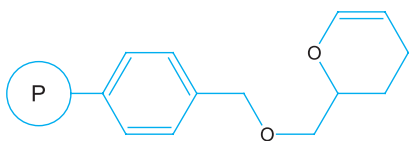


PL-DHP Resin



Description

Polymer supported 3,4-dihydro-2H-pyran

Synonyms

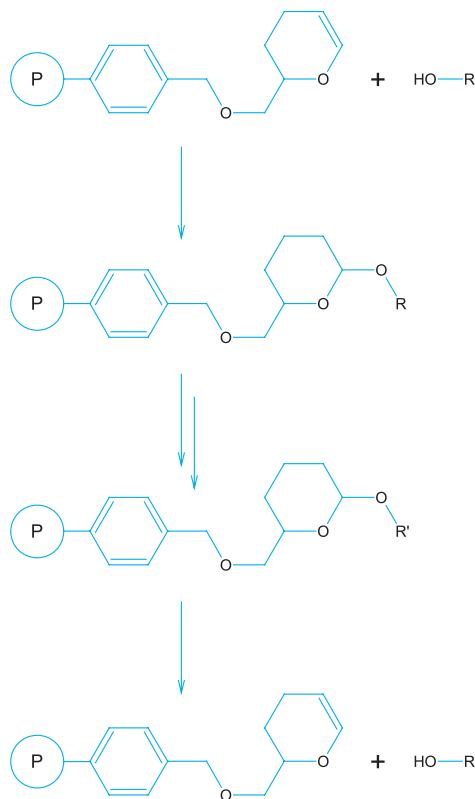
Ellman's dihydropyran resin; solid supported THP

Applications

PL-DHP Resin is designed for the immobilization of primary or secondary alcohols or phenols.

Alcohols may be attached by reaction in the presence of pyridinium *p*-toluenesulfonate (PPTS) or toluenesulfonic acid at elevated temperature. The same reagent can also be used to effect cleavage when employed in an *n*-butanol/1,2-dichloroethane solvent mixture, however 95% TFA can also be used.

THP is a known protecting group for purines and, more recently, these have been immobilized on DHP resin for library synthesis of 2,6-disubstituted derivatives.



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Products Information

Microporous

PL-DHP Resin

1.7mmol/g 150-300 μ m (50-100 mesh)