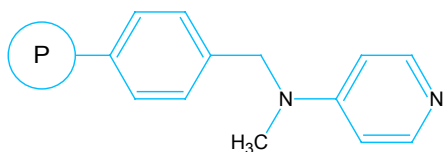


PL-DMAP Resin



Description

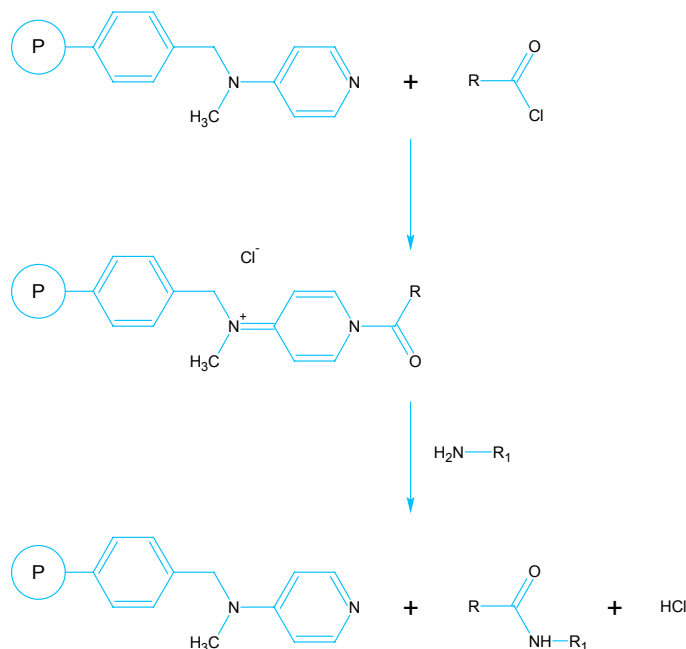
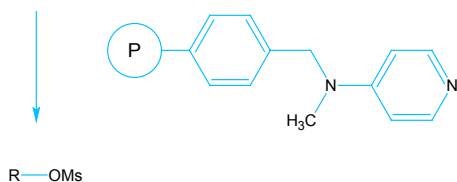
Polymer supported dimethylaminopyridine

Synonyms

None

Applications

DMAP is a nucleophilic catalyst for acylation or acetylation reactions. The polymer supported dimethylaminopyridine resin, PL-DMAP, is therefore a versatile reagent for acylations, in amidations or in mesylation of alcohols, for example, and can be readily removed by filtration.



References

- Shinkai, S et al (1981), Bull Chem Soc Jpn, **54**, 631
- Tomoi, M et al (1982), Makromol Chem Rapid Commun, **3**, 537
- Scriven, E F V (1983), Chem Soc Rev, **12**, 129
- Shai, Y et al (1985), J Am Chem Soc, **107**, 4249
- Patchornik, A (1987), Chemtech, 58
- Guendouz, F et al (1988), Tetrahedron, **44**, 7095
- Keay, J G & Scriven, E F V (1994), Chem Ind, **53**, 339
- Ley, S V et al (1998), J Chem Soc, Perkin Trans 1, 2239
- Habermann, J et al (1998), J Chem Soc, Perkin Trans 1, 3127
- Parlow, J J & Flynn, D L (1998), Tetrahedron, **54**, 4013
- Ley, S V et al (1999), J Chem Soc, Perkin Trans 1, 1251
- Habermann, J et al (1999), J Chem Soc, Perkin Trans 1, 1253
- Nicolaou, K C et al (2000), J Am Chem Soc, **122**, 9968
- Bream, R N et al (2002), Org Lett, **4**, 3793

Products Information

Microporous

PL-DMAP Resin

1.7mmol/g 150-300 μ m (50-100 mesh)