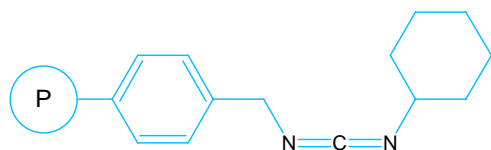


# PL-DCC Resin



## Description

Polymer supported cyclohexyl carbodiimide

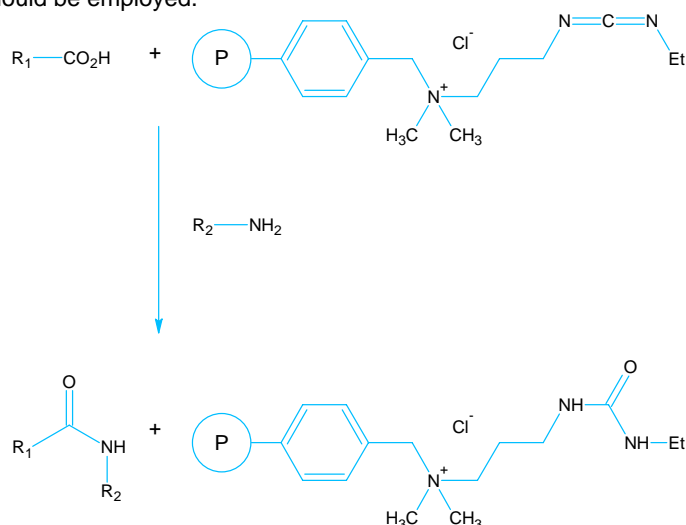
## Synonyms

None

## Applications

Carbodiimide-based solid supported coupling agents are designed to activate carboxylic acids, for use in amide bond forming reactions, for example. The urea side product that is generated remains bound to the resin and is therefore readily removed by filtration.

Due to the ionic nature of PL-EDC Resin, it is recommended that this material be used in polar solvents. Alternatively the macroporous version should be employed.



## References

- Weinschenker, N M & Shen, C M (1972), *Tetrahedron Lett*, **13**, 3281
- Desai, M C et al (1993), *Tetrahedron Lett*, **34**, 7685
- Adamczyk, A et al (1995), *Tetrahedron Lett*, **36**, 8345
- Parlow, J J et al (1997), *J Org Chem*, **62**, 5908
- Flynn, D L et al (1998), *Med Chem Res*, **8**, 219
- Parlow, J J & Flynn, D L (1998), *Tetrahedron*, **54**, 4013
- Guan, Y et al (2000), *J Comb Chem*, **2**, 297

## Products Information

### Microporous

#### PL-DCC Resin

1.6mmol/g 150-300µm (50-100 mesh)

#### PL-EDC Resin

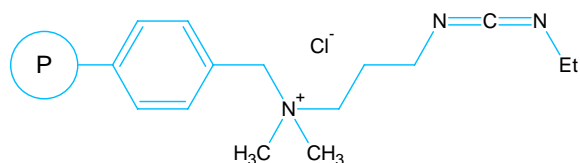
1.4mmol/g 150-300µm (50-100 mesh)

### Macroporous

#### PL-EDC MP-Resin

>1.2mmol/g 150-300µm 100Å (50-100 mesh)

# PL-EDC Resin



## Description

Polymer supported 1-ethyl-3-(3-dimethylaminopropyl)-carbodiimide

## Synonyms

None