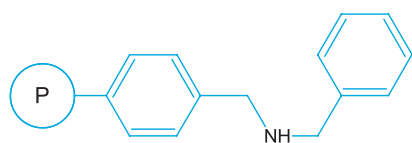


# PL-BZA Resin



## Description

Polymer supported benzylamine

## Synonyms

Benzylaminomethyl polystyrene

## Applications

PL-BZA Resin is useful in the formation of traceless triazine linkers via reaction with aryl diazonium species.

## References

- Bräse, S et al (1998), *Angew Chem Int Ed*, **37**, 3413  
Bräse, S et al (1999), *Tetrahedron Lett*, **40**, 6201  
Dahmen, S & Bräse, S (2000), *Angew Chem Int Ed*, **39**, 3681  
Bräse, S & Dahmen, S (2000), *Chem Eur J*, **6**, 11  
Lormann, M et al (2000), *Tetrahedron Lett*, **41**, 3813  
Schunk, S & Enders, D (2000), *Org Lett*, **2**, 907

## Products Information

Microporous

### PL-BZA Resin

3.1mmol/g 150-300 $\mu$ m (50-100 mesh)

### PL-PPZ Resin

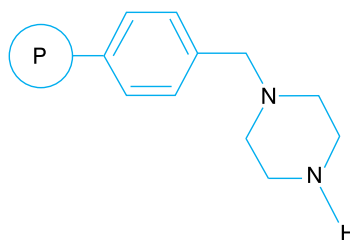
>4.5mmol N/g 150-300 $\mu$ m (50-100 mesh)

Macroporous

### PL-PPZ MP-Resin

>3.0mmol N/g 100 $\text{\AA}$  150-300 $\mu$ m (50-100 mesh)

# PL-PPZ Resin



## Description

Polymer supported piperazine

## Synonyms

Piperazinomethyl polystyrene

## Applications

PL-PPZ Resin is a versatile high load amine resin which has been used to create resin bound triazines for use in cross couplings, employed as a Knoevenagel catalyst in the preparation of lipxygenase inhibitors or as a linker for the synthesis of benzopyrones, where cleavage occurs during on-resin cyclization.

Solid supported piperazine resins have also been used to cleave Fmoc groups.

## References

- Carpino, L A et al (1983), *J Org Chem*, **48**, 666  
Hird, N W et al (1997), *Tetrahedron Lett*, **38**, 7111  
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Bhat, A S et al (2000), *J Comb Chem*, **2**, 597  
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