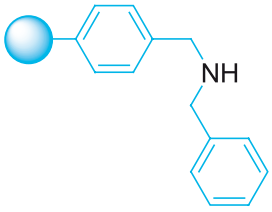
# PL-BZA Resin

## Solid Phase Synthesis, Solution Phase Synthesis

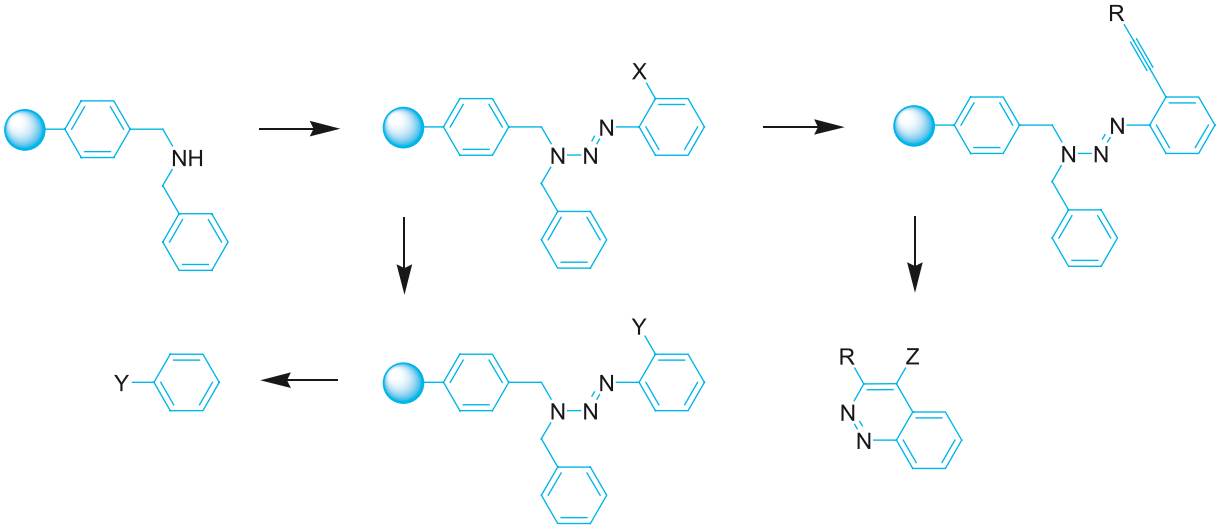
1% DVB




**Description:** Polymer supported benzylamine
**Application:** Traceless Linker, Secondary Amine Base
**See Also:** PL-PPZ

PL-BZA provides a useful starting material for Bräse's traceless linker strategy. Reacting the benzylaminomethylpolystyrene resin with a suitable aromatic diazonium salt creates the triazine compound illustrated.

This is then further modified using the appropriate chemistry; for example, X = Br can allow cross-coupling reactions to be undertaken. Treatment with acid followed by decomposition of the diazonium compound completes the traceless cleavage. An alternative application is the formation of cinnoline heterocycles following a Sonogashira reaction.




## References

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(3) Brase, S.; Dahmen, S. *Chem. Eur. J*. **2000**, *6*, 1899-1905.
(4) Lormann, M.; Dahmen, S.; Brase, S. *Tetrahedron Lett*. **2000**, *41*, 3813-3816.
(5) Schunk, S.; Enders, D. *Org. Lett*. **2000**, *2*, 907-910.
(6) Lormann, M. E. P.; Walker, C. H.; Es-Sayed, M.; Brase, S. *Chem. Commun*. **2002**, 1296-1297.
(7) Gil, C.; Schwogler, A.; Brase, S. *J. Comb. Chem.* **2004**, *6*, 38-42.
(8) Knepper, K.; Lormann, M. E. P.; Brase, S. *J. Comb. Chem*. **2004**, *6*, 460-463.

## Ordering Information

| PL-BZA Resin (1% DVB) | Part No |
|---|---|
| 3.1mmol/g 150-300μm | PL3418-1679, 5g<br>PL3418-3679, 25g<br>PL3418-4679, 100g<br>PL3418-6679, 1kg |

## Additional Information

Varian Polymer Laboratories manufactures in multi kg quantities. Please enquire for details.