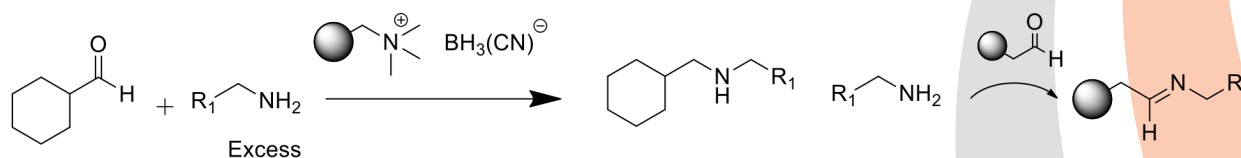


# Aldehyde (ALD)

Aldehyde Resin, PS, is a highly cross-linked polystyrene resin functionalized with an aldehyde end group. It is a polymer bound equivalent of benzaldehyde, and is highly capable of scavenging excess amines from reaction media.

This product has significant advantages over other scavengers of amines in that it's fully capable of distinguishing between primary and secondary amines. Isocyanate resin is equally proficient in sequestering either, so reactions that contain both moieties are dealt with more effectively with PS-Aldehyde.

## General Reaction



## References

- Frechet, J. M. *J Am Chem Soc*, **1971**, 93, 492-496  
Cacchi, S. *Synthesis* **1979**, 64-66.  
Creswell, M. W. *Tetrahedron*, **1998**, 54, 3983-3998  
Hodges, J. C. *Synlett*, **1999**, 1, 152-158  
Ley, S. V. *J Comb Chem*, **2000**, 2, 104-107

## Solvent Compatibility

THF  
DMF  
NMP  
DCM  
DCE

## Ordering Information

### PS-Aldehyde

Loading: 1.0-1.2 mmol/g	10g	SPPS 28-10
	25g	SPPS 28-25
Bead size: 330-1225 microns, 15-50 mesh (>90% within)	100g	SPPS 28-100
	1Kg	SPPS 28-1kg

For additional information contact [info@suprasciences.com](mailto:info@suprasciences.com) or visit [www.suprasciences.com](http://www.suprasciences.com)