

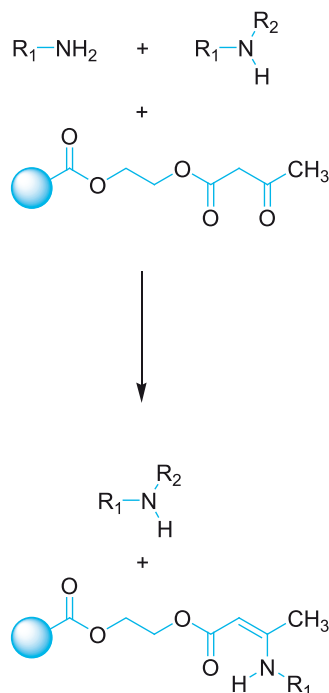
Description: Polymer supported ketoester

Application: Scavenger for Nucleophiles

See Also: PL-CHO, PL-MIA, PL-NCO

PL-AAEM is a styrene/methacrylate copolymer matrix giving high load ketoester functionality. It is designed to selectively scavenge primary amines in the presence of secondary amines.

Primary amines react to form the polymer bound enamine derivative.



References

- (1) Yu, Z. R.; Alesso, S.; Pears, D.; Worthington, P. A.; Luke, R. W. A.; Bradley, M. *J. Chem. Soc., Perkin Trans. 1* **2001**, 1947-1952.
- (2) Yu, Z. R.; Alesso, S.; Pears, D.; Worthington, P. A.; Luke, R. W. A.; Bradley, M. *Tetrahedron Lett.* **2000**, 41, 8963-8967.

Ordering Information

PL-AAEM Resin (1% DVB)	Part No
3.0mmol/g 150-300 μ m	PL3407-1679, 5g
	PL3407-3679, 25g
	PL3407-4679, 100g
	PL3407-6679, 1kg

Additional Information

PL-AAEM is sold under license from Reaxa Limited.

"Scavenger Resin and Processes for the Use Thereof", Pears, D. A., WO01/98378 A1 PCT Int. Appl. **2001**.

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