

# PL-SO<sub>2</sub>Cl Resin

Solution Phase Synthesis

1% DVB



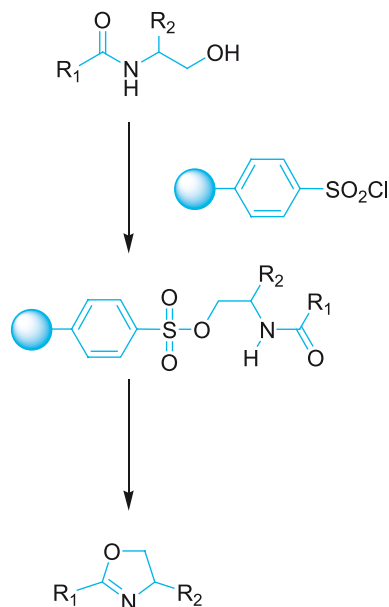
**Description:** Polymer supported sulfonylchloride

**Application:** Supported Acid Chloride

**See Also:** PL-SO<sub>3</sub>H

PL-SO<sub>2</sub>Cl is a scavenger resin that is particularly useful for the removal of basic compounds such as primary, secondary or tertiary amines. Unreacted alcohols may also be scavenged using this resin.

PL-SO<sub>2</sub>Cl can also be used where tosyl chloride (TsCl) would commonly be used as an activating agent. Alcohols, for example, can be immobilized onto PL-SO<sub>2</sub>Cl and then released under nucleophilic displacement conditions. Cyclic products have also been made in this way.



## References

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- (4) Zhang, H. C.; Ye, H.; Moretto, A. F.; Brumfield, K. K.; Maryanoff, B. E. *Org. Lett.* **2000**, *2*, 89-92.
- (5) Wu, T. Y. H.; Ding, S.; Gray, N. S.; Schultz, P. G. *Org. Lett.* **2001**, *3*, 3827-3830.
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## Ordering Information

PL-SO <sub>2</sub> Cl Resin (1% DVB)	Part No
>3.5mmol/g 150-300µm	PL3408-1679, 5g
	PL3408-3679, 25g
	PL3408-4679, 100g
	PL3408-6679, 1kg

## Additional Information

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