

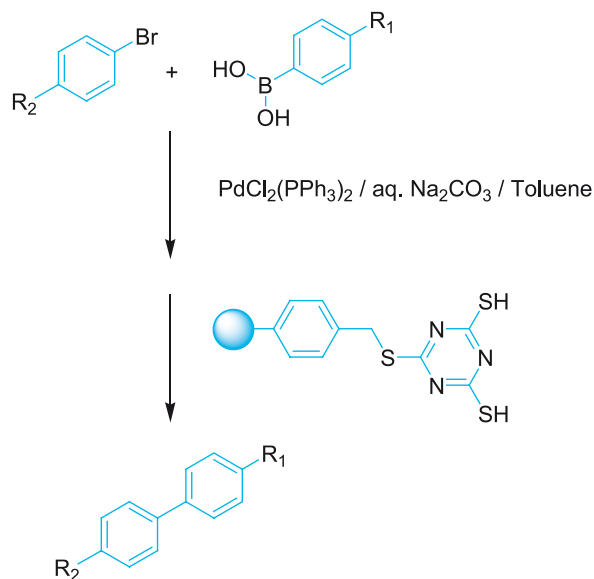
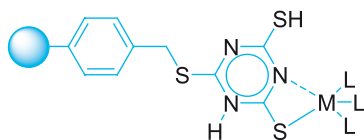
Description: Polymer supported trimercaptotriazine

Application: Metal Scavenger

See Also: PL-BnSH, PL-DEAM, PL-DETA, PL-EDA, PL-TBD, PL-Thiourea, PL-TPP, PL-Urea, PL-SO₃H

The solution phase reagent, trimercaptotriazine, has been used as a means of reducing levels of heavy metals, through precipitation, in a variety of applications. There is limited scope for using this reagent in organic solvents due to its solubility.

PL-TMT MP is a polymer bound version which exploits the efficacy of trimercaptotriazine towards a variety of heavy metal species, but can be readily filtered away afterwards, regardless of solvent. By employing a specifically designed macroporous copolymer matrix, this reagent can be used in a variety of polar and non-polar solvents, including aqueous solutions.



References

(1) Ishihara, K.; Nakayama, M.; Kurihara, H.; Itoh, A.; Haraguchi, H. *Chem. Lett.* **2000**, 29, 1218-1219.

Ordering Information

| PL-TMT MP Resin | Part No |
|---------------------------|-------------------|
| >0.6mmol/g 100Å 150-300µm | PL3527-1679, 5g |
| | PL3527-3679, 25g |
| | PL3527-4679, 100g |
| | PL3527-6679, 1kg |

Additional Information

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