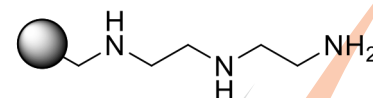


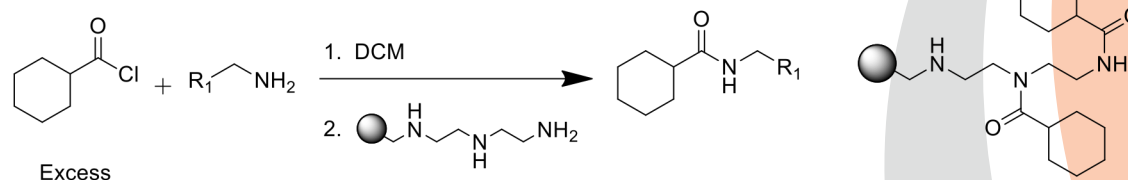
Trisamine (TRIS)

Trisamine Resin, MP, is a macroporous polystyrene resin functionalized with a trisamine end group. It is a highly proficient scavenger of a variety of electrophilic species.

This product is capable of scavenging acids resulting from sulfonylations and acylations. It is also proficient in scavenging the excess acid and sulfonyl halides as well as isocyanates. The three amino groups allow for higher levels of scavenging per single resin particle, depending on steric bulk of the electrophile. MP-Trisamine is equally proficient in sequestering organometallic species from reactions. It is available in multiple varieties including, Silica and Fine.



General Reaction



References

- Flynn, D. L. *J. Am. Chem. Soc.* **1997**, *119*, 4874-4881.
Parlow, J. J. *J. Org. Chem.* **1997**, *62*, 5908-5919.
Parlow, J. J. *Tetrahedron Lett.* **1997**, *38*, 7959-7962.
Adrian, F. M. *Tetrahedron* **1998**, *54*, 3581-3588.
South, M. S.. *Comb. Chem. & HTS* **2000**, *3*, 139-151.
Urawa, Y. *Org. Proc. Res. Dev.* **2003**, *7*, 191-195.
Su, S. *Org. Lett.* **2005**, *7*, 2751-2754.

Ordering Information

MP-Trisamine

Loading: 4.0-4.3 mmol/g	10g	SPMP 11-10
	25g	SPMP 11-25
Bead size: 330-1225 microns, 15-50 mesh (>90% within)	100g	SPMP 11-100
	1Kg	SPMP 11-1kg

Trisamine-Fine

Loading: 2.0-2.1 mmol/g	10g	SPMP 18-10
	25g	SPMP 18-25
Bead size: 100-200 mesh	100g	SPMP 18-100
	1Kg	SPMP 18-1kg

Si-Trisamine

Loading: 1.0-1.2 mmol/g	10g	SPSi 20-10
	25g	SPSi 20-25
Bead size: Avg. 40-62 microns	100g	SPSi 20-100
	1Kg	SPSi 20-1kg

For additional information contact info@suprasciences.com or visit www.suprasciences.com

Solvent Compatibility

MP:	THF	Silica:	THF
	DMF		DMF
	NMP		NMP
	DCM		DCM
	DCE		DCE
	MeOH		ACN
	EtOH		