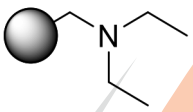
Triethylamine (TEA)

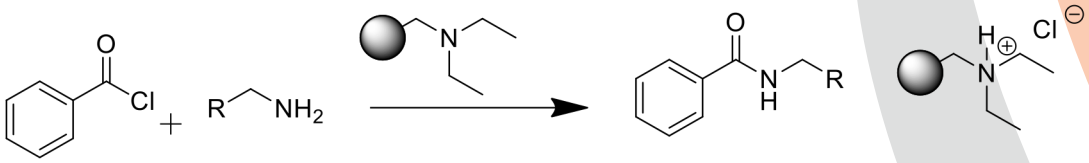


Triethylamine Resin, MP, is a macroporous polystyrene resin functionalized with a triethylamine end group. It is a polymer bound equivalent of triethylamine and is capable of all reactions associated with its non-bound counterpart.

It is commonly utilized as an acid scavenger useful for sequestering acidic residues as they are generated during reactions, allowing for one-pot synthesis of amides and sulfonamides from acyl/sulfonyl halides. Simple filtration provides the desired products, while acids and unreacted starting materials remain bound to the polymer.

Use of excess Triethylamine Resin effectively liberates amines from their salts including salicyclate, formate and acetate salts. The resin has been found very effective in removing both aliphatic and aromatic carboxylic acid impurities in bulk applications.

General Reaction



References

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Solvent Compatibility

THF
DMF
NMP
DCM
DCE

Ordering Information

MP-Triethylamine

Loading: 3.4-3.6 mmol/g	10g	SPMP 02-10
	25g	SPMP 02-25
Bead size: 330-1225 microns, 15-50 mesh	100g	SPMP 02-100
(>90% within)	1Kg	SPMP 02-1kg