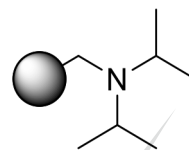


Diisopropylethylamine (DIEA)

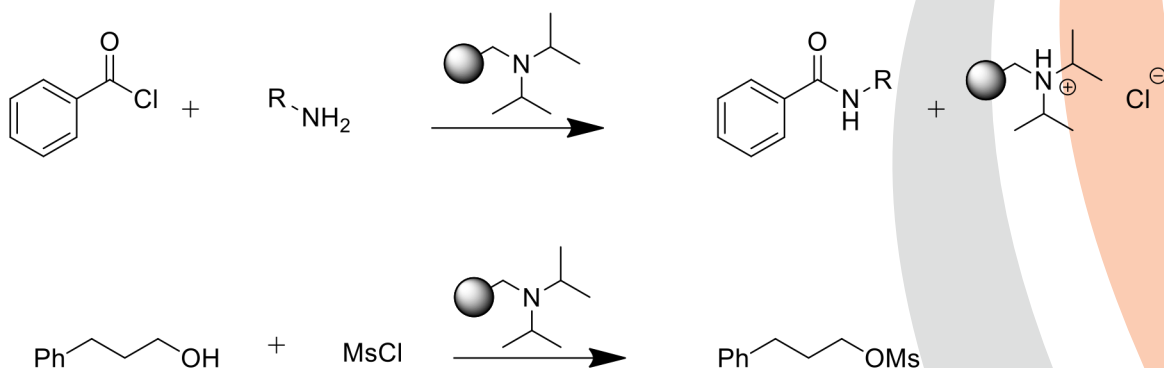


Diisopropylethylamine Resin, MP, is a macroporous resin functionalized with a diisopropyl end group and is functionally equivalent to Huenig's Base. It is very effective in reactions that produce acidic byproducts. MP-DIEA is extremely efficient in sequestering HCl formed during amide, sulfonamide and carbamate synthesis. When it is combined with MP-Trisamine (scavenges excess acid, sulfonyl and carbamoyl chlorides) the result is a one-pot synthesis, which requires only filtration to isolate the desired product.

The steric bulk associated with the two isopropyl groups severely inhibits the nucleophilicity of the amine towards electrophilic partners, therefore removing the possibility of reaction byproducts arising from the resin itself.



General Reaction



References

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Solvent Compatibility

THF
DMF
NMP
DCM
DCE
ACN

Ordering Information

MP-Diisopropylethylamine

Loading: 2.4-2.8 mmol/g	10g	SPMP 10-10
	25g	SPMP 10-25
Bead size: 330-1225 microns, 15-50 mesh (>90% within)	100g	SPMP 10-100
	1Kg	SPMP 10-1kg