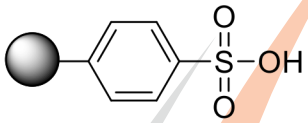
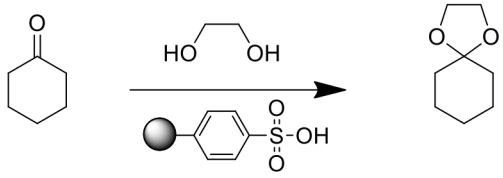
Sulfonic Acid (SO_3H)

Supra Sciences

Sulfonic Acid Resin, MP, is a macroporous polystyrene resin functionalized with a p-toluenesulfonic acid end group. It is a strong cation-exchange resin and is capable of scavenging heterocyclic bases in addition to primary, secondary and tertiary amines. MP-TsOH can also be utilized in many acid catalyzed reactions such as acetal and ketal formation. It is an excellent choice for the 'catch and release' purification of amines resulting from a variety of reactions including reductive aminations. This resin is also quite effective in solid-phase extraction (SPE) of amine bases in sample preparation of bio-analytes such as blood, urine, etc.



General Reaction



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Solvent Compatibility

THF
DMF
NMP
DCM
DCE
ACN
Water

Ordering Information

MP-Sulfonic Acid

Loading: 4.8-5.2 mmol/g	10g	SPMP 01-10
	25g	SPMP 01-25
Bead size: 400-1100 microns, 20-40 mesh	100g	SPMP 01-100
(>90% within)	1Kg	SPMP 01-1kg