

PL-SO₃H Resin



Description

Polymer supported sulfonic acid

Synonyms

Solid supported toluene sulfonic acid; polymer supported Ts-OH

Applications

PL-SO₃H and PL-SO₂Cl Resins are particularly useful for the removal of basic compounds such as primary, secondary or tertiary amines. This may be the scavenging of excess reagent or for "catch and release" purification of basic products, analogous to strong cation exchange (SCX) – commonly employed in solid phase extraction (SPE) procedures. Sulfonyl chloride resins are also useful reagents where tosyl chloride would commonly be used as an activating agent. Alcohols, for example, can be immobilized onto PL-SO₂Cl Resin and then released under nucleophilic displacement conditions.

References

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Products Information

Microporous

PL-SO₃H Resin

≥ 3.5mmol/g 150-300μm (50-100 mesh)

PL-SO₂Cl Resin

≥ 3.5mmol/g 150-300μm (50-100 mesh)

Macroporous

PL-SO₃H MP-Resin

>3.0mmol/g 100Å 150-300μm (50-100 mesh)

PL-SO₂Cl Resin



Description

Polymer supported sulfonyl chloride

Synonyms

Solid supported toluenesulfonyl chloride; polymer supported Ts-Cl