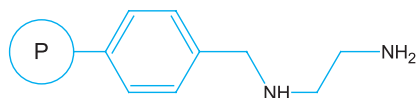


PL-EDA Resin

PL-DETA Resin



Description

Polymer supported ethylenediamine

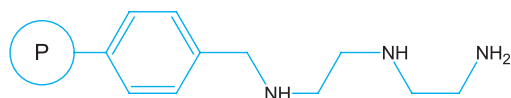
Synonyms

Ethylenediaminomethyl polystyrene

Applications

PL-EDA and PL-DETA Resins are polyamine resins designed for scavenging a variety of electrophiles, including acid chlorides, sulfonyl chlorides and isothiocyanates. They are useful economic alternatives to polymer supported trisamine, as they are prepared from extremely high load chloromethylstyrene resin and consequently possess extremely high primary and secondary amine content.

PL-EDA and PL-DETA Resins are available in microporous, macroporous and StratoSpheres Plugs™ formats.



Description

Polymer supported diethylenetriamine

Synonyms

Diethylenetriaminomethyl polystyrene; polyamine resin

References

- Flynn, D L et al (1997), J Am Chem Soc, **119**, 4874
Parlow, J J et al (1997), J Org Chem, **62**, 5908
Booth, R J & Hodges, J C (1999), Acc Chem Res, **32**, 18

Products Information

Microporous

PL-EDA Resin

>5.0mmol N/g 150-300 μ m (50-100 mesh)

PL-DETA Resin

>6.0mmol N/g 150-300 μ m (50-100 mesh)

Macroporous

PL-EDA MP-Resin

>3.3mmol N/g 100 \AA 150-300 μ m (50-100 mesh)

PL-DETA MP-Resin

>4.5mmol N/g 100 \AA 150-300 μ m (50-100 mesh)