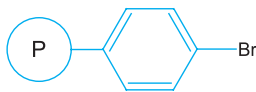


PL-PBS Resin



Description

p-Bromostyrene resin

Synonyms

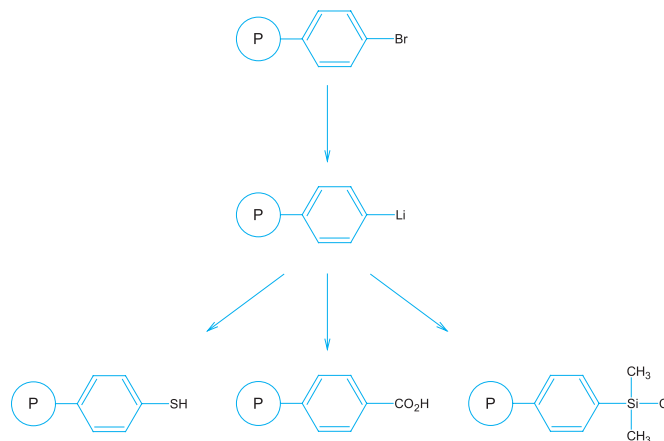
Poly(styrene-co-4-bromostyrene)

Applications

PL-PBS Resin is produced by direct copolymerization of 4-bromostyrene monomer with styrene and divinylbenzene for optimal control over loading and reproducibility. Bromostyrene resins are widely used in organic synthesis, but are often prepared by the direct bromination of polystyrene resin.

PL-PBS Resin is particularly suited to lithiation and subsequent conversion into a wide variety of different functional groups, including acids, thiols, sulfides, silyl chlorides, boronic acids, phosphines, aldehydes, alcohols and trityl resins.

Very large particle sized "macrobeads" of 500-600 μ m have been extensively used for synthesis by Harvard University (ICCB) in their diversity oriented synthesis program. The macrobeads are modified by the attachment of a traceless silyl linker, and are then used to synthesize around 100nmol (or up to 0.1mg) of compound per bead.



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Products Information

Microporous

PL-PBS Resin

2.0mmol/g 150-300 μ m (50-100 mesh)

2.0mmol/g 500-600 μ m (30-35 mesh)

4.0mmol/g 150-300 μ m (50-100 mesh)