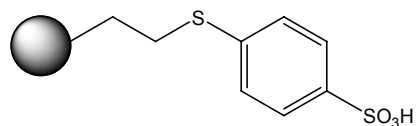


Catalog #16-0760

Phenyl sulfonic acid ethyl sulfide Silica (PhosphonicS SPhSA)



Note: Sold in collaboration with PhosphonicS Ltd. for research purposes only. Also see 15-0011.

Particle size range: 315-700 microns

Average pore size: 60Å

Functional group loading : 0.5 to 0.8 mmol/g

Technical Note:

1. Applications include esterification, trans-esterification, hydrolysis, rearrangements, dehydration, protection and de-protection, cyclizations, etherifications. At the end of the reaction the solid silica catalyst can simply be filtered from the reaction mixture and reused.

Reference:

1. *Manufacturing Chemist*, **2007**, July/August Ed., 27.