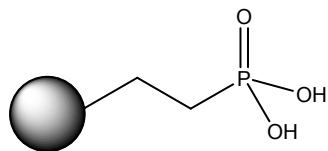


Catalog #15-0011

Ethyl/butyl phosphonic acid Silica (PhosphonicS POH1)



Note: Sold in collaboration with PhosphonicS Ltd. for research purposes only. Also see 16-0760.

Particle size range: 60-200 microns

Average pore size: 60Å

Functional group loading : 0.8 to 1.0 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. *Org. Process Res. Dev.*, **2007**, *11*, 406.