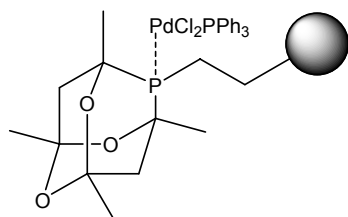


Catalog #46-7860

Triphenylphosphinepalladium(II) dichloride phosphadamantane ethyl Silica (PhosphonicS PAPd1r)



Note: Sold in collaboration with PhosphonicS Ltd. for research purposes only.

Particle size range: 60-200 microns
Palladium loading : 0.01 to 0.03 mmol/g

Technical Note:

1. Immobilized palladium heterogeneous catalyst successfully utilized in typical Suzuki and Heck reactions. The catalyst is effective for a wide range of substrates yielding coupled products in high yield. The catalyst can be simply filtered off and reused over several cycles, with no apparent loss in activity. Typical reactions using the homogeneous version of triphenylphosphinepalladium(II) dichloride phosphadamantane can be found in *Org. Lett.* **2003**, 5, 6, *Tetrahedron Lett.*, **2004**, 45, 8319 and *J.Org.Chem.*, **2004**, 69, 5082.