

Modification of Ligands with SPDP and Coupling to Thio Particles

1. Add a solution containing SPDP in methanol to a solution containing ligand in phosphate buffer(PB), 0.1M, pH 7.0.
2. Incubate on a rotary mixer.
3. Dialyze the mixture using a dialysis tubing of appropriate molecular weight cut off against three changes of PB.
4. Add the resulting thio ligand to thio particles.
5. Incubate overnight on a rotary mixer.
6. Centrifuge.
7. Remove the supernatant and resuspend the particles in PB.
8. Repeat Steps 6 and 7 and centrifuge.
9. Remove the supernatant and resuspend the particles in PB.