

Chemicals for transformation

LiAc 1M, 1L

102 g Lithium acetate dihydrate
1000 mL H₂O (deionized)

Dissolve while stirring (use stirring bar). pH should be between 8.4-8.9 without need to titrate. Filter sterilize.

PEG (50%), 100 mL

50% Polyethylene glycol 3350 100ml
PEG 3,350 50g
dH₂O to 100ml

Prepare in beaker. Add water gradually as PEG dissolves. Final volume 100 mL.
Heating helps dissolve PEG, use stirring bar.
Autoclave.

Other chemical solutions

Glycerol 80%, 100 mL

80 mL glycerol solution (100%)
20 mL water (deionized)

Autoclave.

NaOH 20 mM, 50 mL

19,95 g Sodium hydroxide
50 mL water (deionized)

Dissolve while stirring.