

UPR Inducing Drugs

3/21/03

Tunicamycin [Calbiochem cat#654380 lot#B47687]: 10mg/mL (1000X) stock solution in DMSO. Add 1mL DMSO to 10mg Tm, makes 20 aliquots ~50µL each. Store aliquots at -80°C.

Thapsigargin [Calbiochem cat#586005 lot#B49385]: 2mM (10,000X) stock solution in DMSO. Add 750µL DMSO to 1mg Tg (650.8g/mol), makes ~60 aliquots 10µL each. Store aliquots at -80°C.

Dithiothreitol [Invitrogen cat#15508-013 lot#1148283]: 1M (500X) stock solution in H₂O. Add 6.48mL H₂O to 1g DTT (154.25g/mol), makes ~65 aliquots 100µL each. Store aliquots at -80°C.

4/23/03

Sodium Meta-Arsenite (NaAsO₂) [Sigma cat# S-7400 lot#092K1521]: 100mM stock solution in PBS [Gibco cat#]. Add 1.29g sodium meta-arsenite to 100mL PBS, this makes a 100mM stock which was aliquoted in 10mL and stored at -80°C. 10mL of 100mM NaAsO₂ makes ~100 aliquots 100µL each.