

Materials List for:

Preparation of SNS Cobalt(II) Pincer Model Complexes of Liver Alcohol Dehydrogenase

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Materials

Name	Company	Catalog Number	Comments
100 mL Round Bottomed Flask	Chem Glass	CG150691	100mL Single Neck Round Bottomed Flask, 19/22 Outer Joint
Acetonitrile	Fisher	HB9823-4	HPLC Grade
Chiller for roto-vap	Lauda	L000638	Alpha RA 8
Cobalt Chloride hexahydrate	Acros Organics	AC423571000	Acros Organics
Diethyl Ether	Fisher	E-138-1	Diethyl Ether Anhydrous
graduated cylinder	Fisher	S63456	25 mL graduated cylinder
hotplate	Fisher	11-100-49SH	Isotemp Basic Stirring Hotplate
jars	Fisher	05-719-481	250 mL jars
Ligand	----	----	Synthesized previously by Professor Miecznikowski
medium cotton balls	Fisher	22-456-80	medium cotton balls
one dram vials	Fisher	03-339	one dram vials with TFE Lined Cap
pipet	Fisher	13-678-20B	5.75 inch pipets
pipet bulbs	Fisher	03-448-21	Fisher Brand Latex Bulb for pipet
recrystallizing dish for sand bath	Fisher	08-741 D	325 mL recrystallizing dish for sand bath
reflux condensor	Chem Glass	CG-1218-A-22	Condenser with 19/22 inner joint
Rotovap	Heidolph Collegiate	36000090	Brinkmann; Heidolph Collegiate Rotary Evaporator with Heidolph WB eco bath Heidolph Rotary Evaporator
sea sand for sandbath	Acros Organics	612355000	washed sea sand for sand bath
Stir bar	Fisher	07-910-23	Egg-Shaped Magnetic Stir Bar
Vacum grease	Fisher	14-635-5D	Dow Corning High Vacuum Grease
vacuum pump for rotovap	Heidolph Collegiate	36302830	Heidolph Rotovac Valve Control