

Supplement S4: Detailed amounts of reactants and solvents in the synthesis of 17-hydroxymethyl-17-methyl-18-nor-5-androst-13-en-3-ols

Table S4-1: Reactants and solvents used in the methenylation of Etiocholanolone (**5**) or androsterone (**5a**)

	<b>6</b>	<b>6a</b>
Reagent		
Nysted (20 %)	14.2 mL	13.4 mL
THF	7.0 mL	7.0 mL
TiCl <sub>4</sub>	360 µL	330 µL
Precursor Steroid	<b>5</b>	<b>5a</b>
Amount of Steroid	43.0 mg	394 mg
HCl (2 M)	15 mL	25 mL
Ice-cold water	15 mL	25 mL
Diethyl ether	60 mL	100 mL

Table S4-2: Reactants and solvents used for epoxidation

	<b>7</b>	<b>7a</b>
Reagent		
Precursor Steroid	<b>6</b>	<b>6a</b>
DCM	5 mL	20 mL
KHCO <sub>3</sub>	44.5 mg	440 mg
m-CPBA	31.0 mg	370 mg
H <sub>2</sub> O	10 mL	20 mL
DCM	20 mL	50 mL