

## Chemical List for Literature Search

004:141 Organic Lab, Spring 2007

Each student is assigned one compound from each group. The assignments are based on the first letter of your last name (Group 1), the first letter of your first name (Group 2), and the second letter of your last name (Group 3) as indicated in the table below.

If you report on the wrong compound there is no credit.

Group 1 (first letter of last name)		Group 2 (first letter of first name)		Group 3 (second letter of last name)	
A	hexane	A	acetanilide	A	ethyl acetoacetate
B	toluene	B	methyl tert-butyl ether	B	ethylene glycol
C	methanol	C	sodium hydroxide	C	bromobenzene
D	isopropyl methyl ketone	D	p-aminophenol	D	ferrocene
E,F,G	isobutyl alcohol	E,F	acetic anhydride	E	acetylferrocene
H	n-butyl acetate	G,H	acetaminophen	F	1,1-diacetylferrocene
I,J,K	diethyl ether	I,J	hydrochloric acid	G	cocaine
L	petroleum ether	K	hydrobromic acid	H	heroin
M,N,O	acetone	L	sulfuric acid	I,J	lysergic acid diethylamide
P,Q	ethanol	M,N	methylene chloride	K	zidovudine
R	p-toluic acid	O-R	benzyl triphenylphosphonium chloride	L	testosterone
S	p-tert-butylphenol	S	benzaldehyde	M	progesterone
T,U,V	caffeine	T	trans-stilbene	N,O	nicotine
W-Z	limonene	U-Z	triphenylphosphine oxide	P	theobromine
				Q	mescaline
				R	novocaine
				S	sildenafil citrate
				T,U,V	prozac
				W-Z	creatine