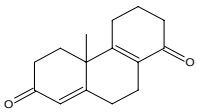
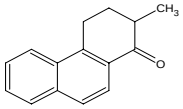
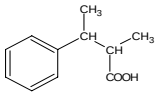
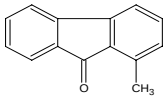
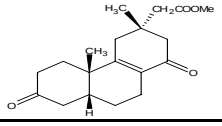
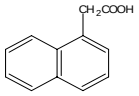
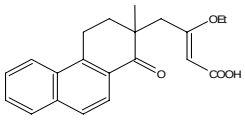
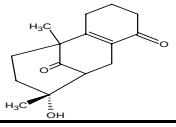
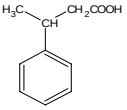
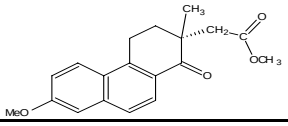
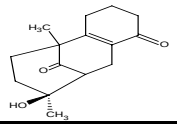
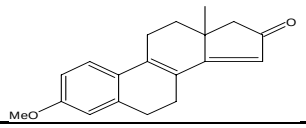
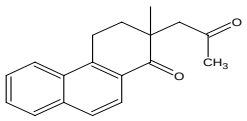
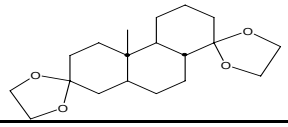
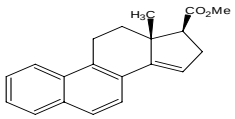
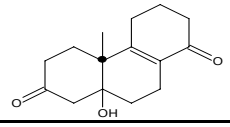
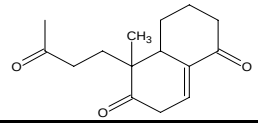
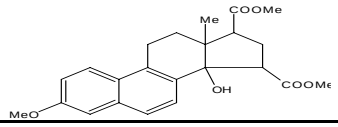
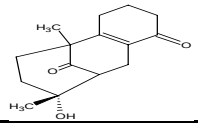
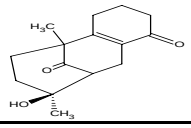
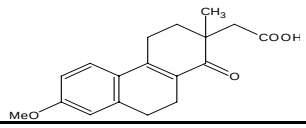
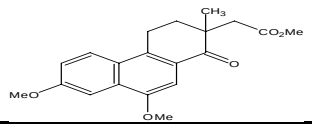
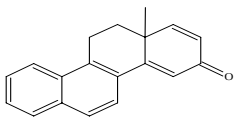
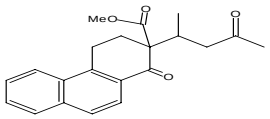
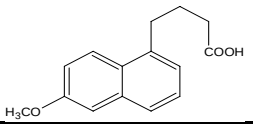
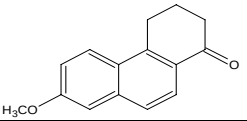
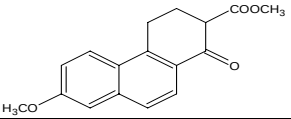
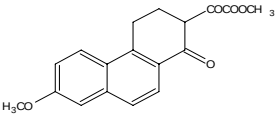
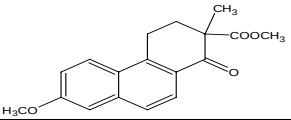
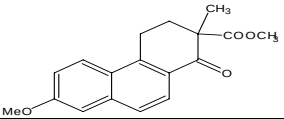
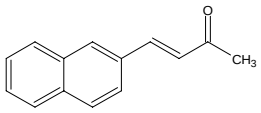
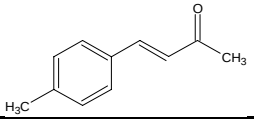
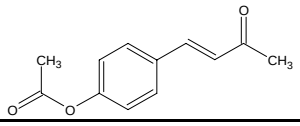
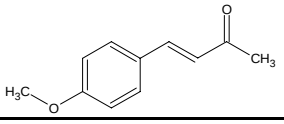
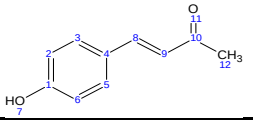
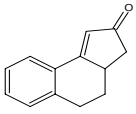
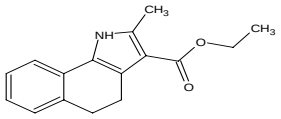
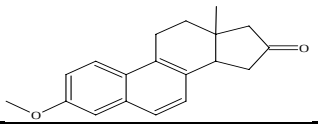
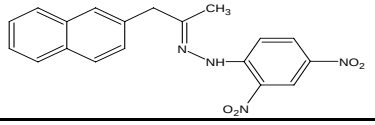
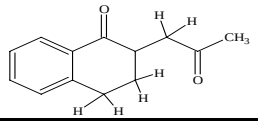
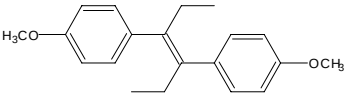
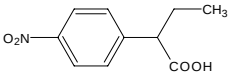
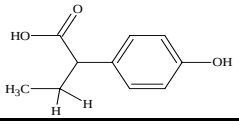
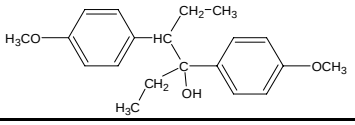
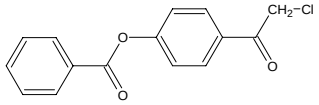
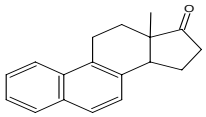
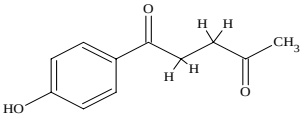
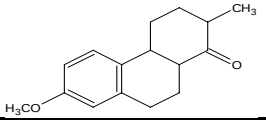
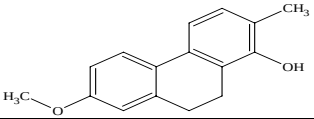
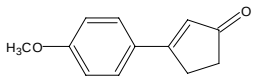
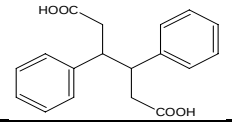
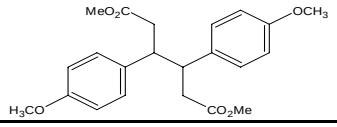
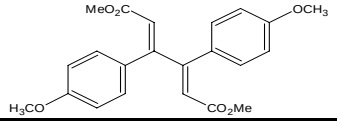
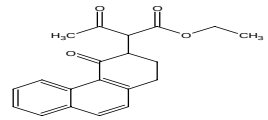
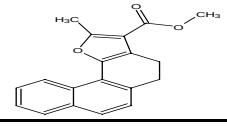
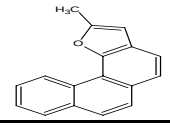
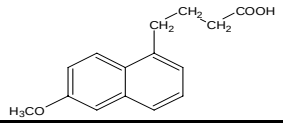
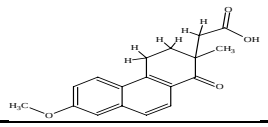
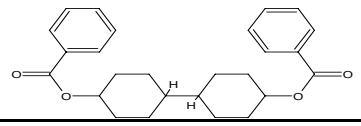
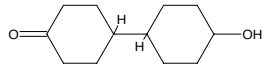
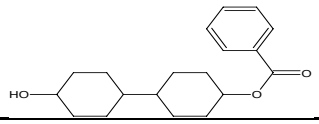
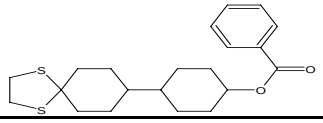
Unknowns Sorted by Sample Designation
Univ. WI-Madison Chemistry

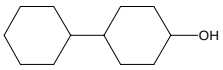
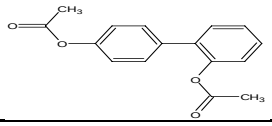
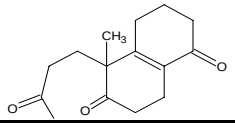
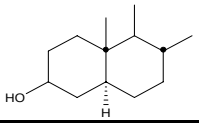
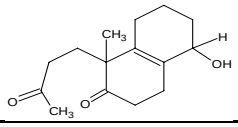
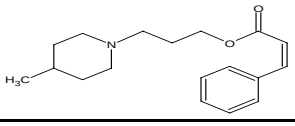
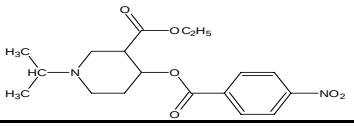
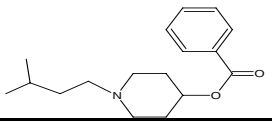
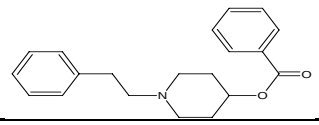
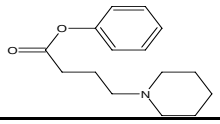
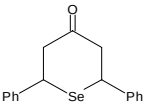
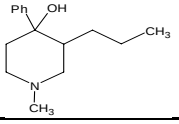
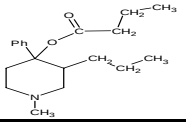
Sample design.	Formula	MW	Structures
A01	C15H18O2	230.302	
A02	C15H14O	210.271	
A03	C11H14O2	179.228	
A04	C14H10O	194.229	
A05	C19H26O4	318.407	
A06	C12H10O2	186.207	
A07	C21H22O4	338.397	
A08	C15H20O3 (prop	248.318	
A09	C10H12O2	164.201	
A10	C19H20O4	312.360	

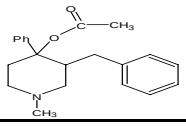
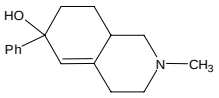
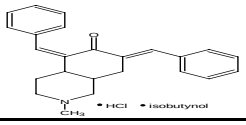
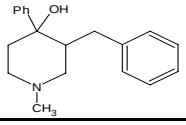
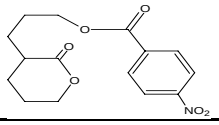
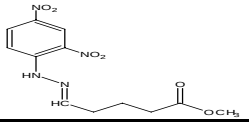
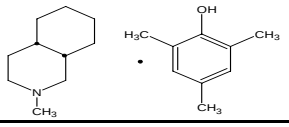
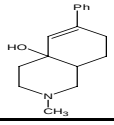
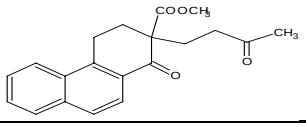
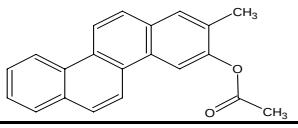
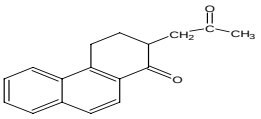
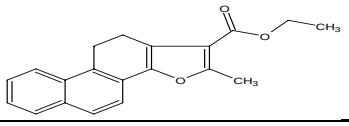
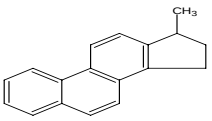
A11	C15H20O3 (prop	248.318	
A12	C19H20O2	280.361	
A13	C18H18O2	266.334	
A14	C18H30O4	322.439	
A15	C20H20O2	292.372	
A16	C15H20O3	248.318	
A17	C16H22O2	246.345	
A18	C23H26O6	398.449	
A19	C15H20O3	248.318	
A20	C15H20O3	248.318	
A21	C18H20O4	300.349	
A22	C20H22O5	342.386	
B05	C19H16O	260.330	

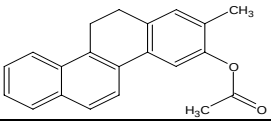
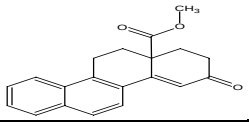
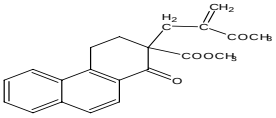
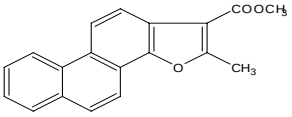
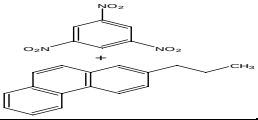
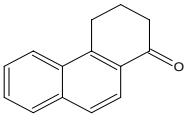
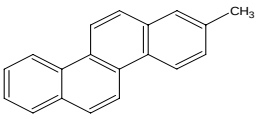
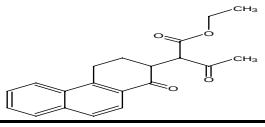
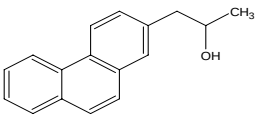
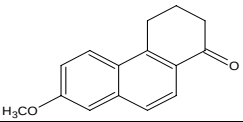
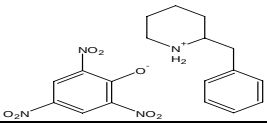
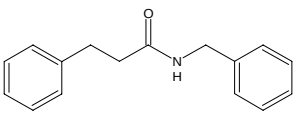
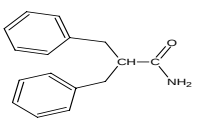
B14	C21H22O4	338.397	
B81	C15H16O3	244.286	
B82	C15H14O2	226.270	
B83	C17H16O4	284.307	
B84	C18H16O5	312.317	
B85	C18H18O4	298.333	
B86	C18H18O4	298.333	
B89	C14H12O	196.244	
B92	C11H12O	160.212	
B93	C12H12O3	204.222	
B94	C11H12O2	176.212	
B95	C10H10O2	162.185	
C03	C13H12O	184.234	

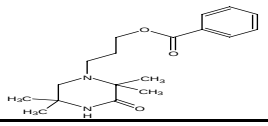
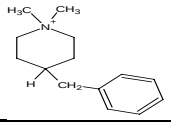
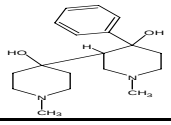
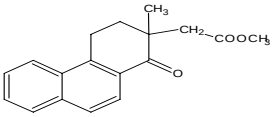
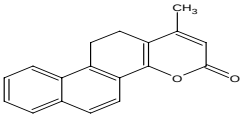
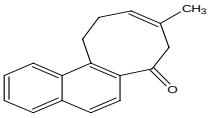
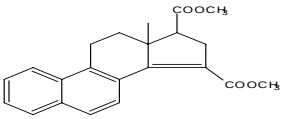
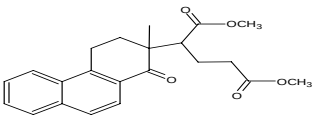
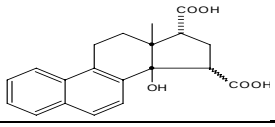
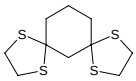
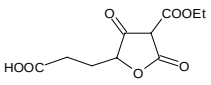
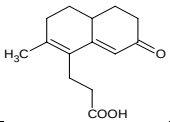
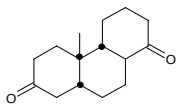
C21	C16H17NO2	255.312	
C59	C19H20O2	280.361	
C64	C19H16N4O4	364.355	
C82	C13H14O2	202.249	
E06	C20H24O2	296.403	
E09	C10H11NO4	209.199	
E13	C10H12O3	180.200	
E16	C20H26O3	314.419	
F01	C15H11ClO3	274.699	
F30	C18H18O	250.335	
F41	C11H12O3	192.211	
F77	C16H20O2	244.329	
F80	C16H16O2	240.297	

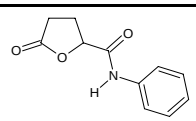
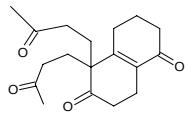
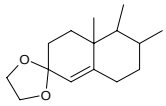
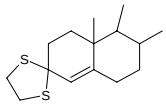
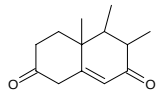
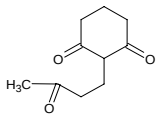
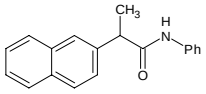
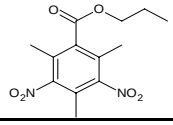
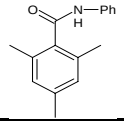
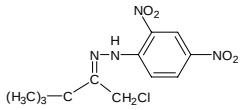
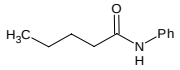
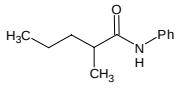
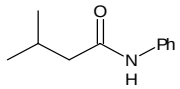
F81	C12H12O2	188.222	
G41	C18H18O4	298.333	
G82	C22H26O6	386.438	
G92	C22H22O6	382.406	
H40	C20H20O4	324.370	
H58	C19H16O3	292.328	
H77	C17H12O	232.276	
H81	C15H16O3	244.286	
H82	C18H18O4	298.333	
I00	C26H30O4	406.514	
I12	C12H20O2	196.286	
I24	C19H26O3	302.408	
I60	C21H28O2S2	376.576	

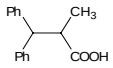
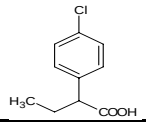
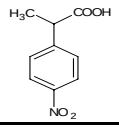
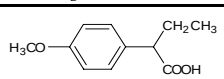
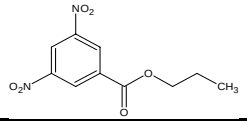
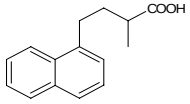
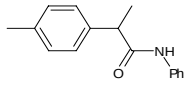
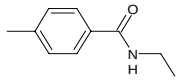
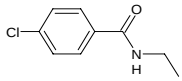
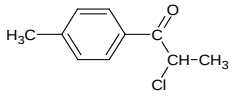
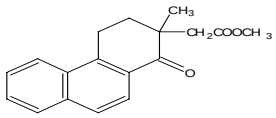
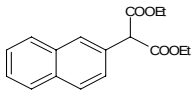
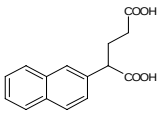
I94	C12H22O	182.302	
I95	C16H14O4	270.280	
J29	C15H20O3	248.318	
J67	C13H24O	196.329	
J86	C15H22O3	250.333	
K45	C18H25NO2	287.397	
L24	C18H24N2O6	364.393	
L61	C17H25NO2	275.386	
L63	C20H23NO2	309.402	
L88	C15H21NO2	247.333	
M05	C17H16OSe	315.268	
N01	C15H23NO	233.349	
N06	C19H29NO2	303.439	

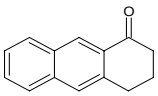
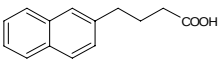
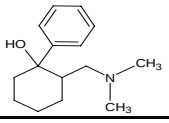
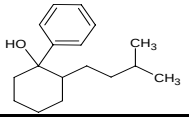
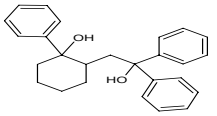
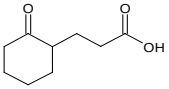
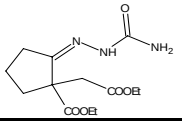
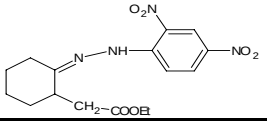
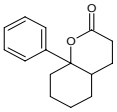
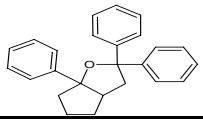
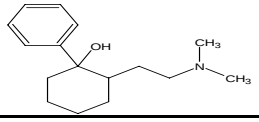
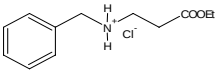
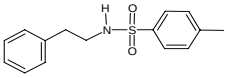
N07	C21H25NO2	323.429	
N25	C16H21NO	243.344	
N29	C24H25NO	343.461	
N43	C19H23NO	281.392	
N45	C15H17NO6	307.298	
N46	C12H14N4O6	310.263	
N50	C19H31NO	289.456	
N70	C16H21NO	243.344	
O01	C20H20O4	324.370	
O09	C21H16O2	300.350	
O10	C17H16O2	252.308	
O13	C20H18O3	306.355	
O20	C18H16	232.320	

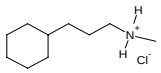
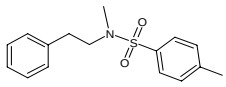
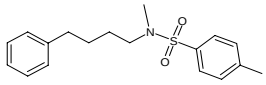
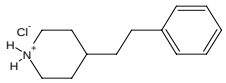
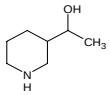
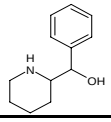
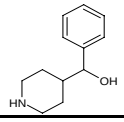
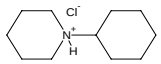
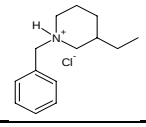
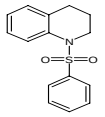
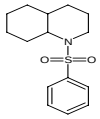
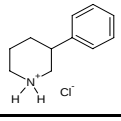
O28	C21H18O2	302.366	
O42	C20H18O3	306.355	
O62	C21H20O4	336.381	
O73	C19H14O3	290.313	
O75	C23H19N3O6	433.413	
O79	C14H12O	196.244	
O85	C19H14	242.314	
O89	C20H20O4	324.370	
O95	C17H16O	236.308	
O99	C15H14O2	226.270	
P09	C18H20N4O7	404.374	
P18	C16H17NO	239.312	
P34	C16H17NO	239.312	

P39	C18H26N2O3	318.411	
P60	C14H22N	204.331	
P61	C18H28N2O2	304.427	
Q00	C18H18O3	282.334	
Q04	C18H14O2	262.302	
Q10	C17H16O	236.308	
Q87	C22H22O4	350.408	
Q92	C22H24O5	368.423	
Q95	C20H20O5	340.370	
R13	C10H16S4	264.494	
R26	C10H12O7	244.198	
R35	C14H18O3	234.291	
R47	C15H22O2	234.334	

R52	C11H11NO3	205.210	
R78	C18H24O4	304.381	
R92	C15H24O2	236.350	
R93	C15H24S2	268.481	
R94	C13H18O2	206.281	
R98	C10H14O3	182.216	
S03	C19H17NO	275.344	
S07	C13H16N2O6	296.276	
S08	C16H17NO	239.312	
S17	C12H15ClN4O4	314.725	
S19	C11H15NO	177.243	
S20	C12H17NO	191.269	
S21	C11H15NO	177.243	

S24	C16H16O2	240.297	
S61	C10H11ClO2	198.646	
S65	C9H9NO4	195.172	
S66	C11H14O3	194.227	
S67	C10H10N2O6	254.196	
S68	C15H16O2	228.286	
S75	C16H17NO	239.312	
S85	C10H13NO	163.216	
S86	C9H10ClNO	183.635	
S87	C10H11BrO	227.098	
T01	C18H18O3	282.334	
U02	C17H18O4	286.322	
U03	C15H14O4	258.269	

U24	C14H12O	196.244	
U41	C14H14O2	214.260	
W28	C15H23NO	233.349	
W30	C17H26O	246.388	
W41	C26H28O2	372.499	
W43	C9H14O3	170.206	
W44	C13H21N3O5	299.323	
W48	C16H20N4O6	364.353	
W63	C15H18O2	230.302	
W64	C25H24O	340.457	
W81	C16H25NO	247.376	
X30	C12H17NO2	207.269	
X48	C15H17NO2S	275.366	

X65	C10H21N	155.280	
X75	C16H19NO2S	289.392	
X81	C18H23NO2S	317.446	
X89	C13H19N	189.297	
Y01	C7H15NO	129.200	
Y06	C12H17NO	191.269	
Y08	C12H17NO	191.269	
Y25	C11H21N	167.291	
Y26	C14H21N	203.323	
Y44	C15H15NO2S	273.350	
Y47	C15H21NO2S	279.398	
Y62	C11H15N	161.244	
Y83	C12H9NO	183.206