

Table S12. Dataset in our research where reactant contains multiple halogens of Heck reaction involving site-selectivity

[illegible]

41 Br1ccc(I)cc1.C=CC(=O)N(C)OC>>CON(C)C(=O)/C=C/c1ccc(Br)cc1
42 C=CC(=O)OCC.Nc1cc(F)c(Br)cc1I>>CCOC(=O)/C=C/c1cc(Br)c(F)cc1N
43 C=CC(=O)N1CCN(C)CC1.Clc1nc(N2CCOCC2)c2oc3ncc(Br)cc3c2n1>>CN1CCN(C(=O)/C=C/c2cnc
3oc4c(N5CCOCC5)nc(Cl)nc4c3c2)CC1
44 C=Cc1ccncc1.Nc1nc(Cl)c(Br)c1>>Nc1nc(Cl)c(/C=C/c2ccncc2)c1
45 C=CC(=O)OC.O=S(=O)(c1cccc(Cl)c1)N1CCc2cc(Br)cnc21>>COC(=O)/C=C/c1cnc2c(c1)CCN2S(=O
) (=O)c1cccc(Cl)c1
46 C=C(NC(=O)OCc1cccc1)C(=O)OC.CC(=O)OCc1cc(Br)ccc1I>>COC(=O)/C(=C/c1ccc(Br)cc1COC(
C)=O)NC(=O)OCc1cccc1
47 Br1ccccc1I.C=CC(=O)OCCCC>>CCCCOC(=O)/C=C/c1ccccc1Br
48 C=CC(=O)OC(C)(C)C.Nc1ccc(I)cc1Br>>CC(C)(C)OC(=O)/C=C/c1ccc(N)c(Br)c1
49 Br1ccccc1I.C=CC(=O)N(C)C>>CN(C)C(=O)/C=C/c1ccccc1Br
50 Br1ccc(I)cc1.C=Cc1ccccc1>>Br1ccc(/C=C/c2ccccc2)cc1
51 C=Cc1cnc(Br)c1.CC(C)(C)OC(=O)N1CCC[C@H]1COc1cnc(Cl)c(I)c1>>CC(C)(C)OC(=O)N1CCC[
C@H]1COc1cnc(Cl)c(/C=C/c2ccncc(Br)c2)c1
52 C=CCOc1cccc1.Clc1ccc(Br)cc1>>Clc1ccc(/C=C/COc2ccccc2)cc1
53 C=Cc1ccc(C)cc1.Clc1cccc(Br)c1>>Cc1ccc(/C=C/c2cccc(Cl)c2)cc1
54 C=CC[Si](C)(C)C.ClCc1cccc(Br)c1>>C=C(Cc1cccc(Br)c1)C[Si](C)(C)C
55 C=CC(=O)OC(C)(C)C.COc1ccc(CCNC(=O)c2cc(Br)cc(I)c2)cc1>>COc1ccc(CCNC(=O)c2cc(Br)cc(/C
=C/C(=O)OC(C)(C)C)c2)cc1
56 C=Cc1ccc(N(C)C)cc1.OCCOc1ncc(I)cc1Br>>CN(C)c1ccc(/C=C/c2cnc(OCCO)c(Br)c2)cc1
57 C=Cc1ccccc1.O=c1oc2cc(Cl)ccc2c(-c2ccccc2)c1Br>>O=c1oc2cc(Cl)ccc2c(-
58 C=CC1CCCCC1.Nc1ncc(Cl)cc1Br>>Nc1ncc(Cl)cc1/C=C/C1CCCCC1
59 C=Cc1nc2ccccc2s1.CCN(CC)S(=O)(=O)c1ccc(Br)cc1Cl>>CCN(CC)S(=O)(=O)c1ccc(/C=C/c2nc3cccc
c3s2)cc1Cl
60 Br1ccccc1I.C=CC(=O)O>>O=C(O)/C=C/c1ccccc1Br
61 C=CC(=O)NCCc1ccc(O)cc1.COc1ccc(I)cc1Br>>COc1ccc(/C=C/C(=O)NCCc2ccc(O)cc2)cc1Br
62 C=CC(=O)OC.CN(C)CCCOc1ccc(I)cc1Br>>COC(=O)/C=C/c1ccc(OCCCN(C)C)c(Br)c1
63 C=Cc1ccccc1.Clc1cccc(Br)c1>>Clc1cccc(/C=C/c2ccccc2)c1
64 C=Cc1cncnc1.COc1ccc(Cl)c(Nc2c(C#N)cnc3cc(Br)ccc23)c1>>COc1ccc(Cl)c(Nc2c(C#N)cnc3cc(/C=C/
/c4ccncc4)ccc23)c1
65 Br1ccc(I)cc1.C=CCP(=O)(OCC)OCC>>CCOP(=O)(C/C=C/c1ccc(Br)cc1)OCC
66 C=Cc1cccc(Nc2ncc(Cl)c(Nc3cccc(Br)c3)n2)c1>>Clc1cnc2nc1Nc1cccc(c1)/C=C\c1cccc(c1)N2
67 C=CC(=O)OC(C)(C)C.Nc1cc(I)ccc1Br>>CC(C)(C)OC(=O)/C=C/c1ccc(Br)c(N)c1
68 C=Cc1ccccc1.Clc1ccccc1Br>>Clc1ccccc1/C=C/c1ccccc1
69 C=C.COC(=O)c1cc(Cl)ccc1Br>>C=Cc1ccc(Cl)cc1C(=O)OC
70 C=CC(=O)OC(C)(C)C.Clc1ccc(Br)cc1>>CC(C)(C)OC(=O)/C=C/c1ccc(Cl)cc1
71 C=CC(=O)OC(C)(C)C.O=c1oc2cc(O)ccc2c(Cc2ccc(Br)cc2)c1Cl>>CC(C)(C)OC(=O)/C=C/c1ccc(Cc2
c(Cl)c(O)oc3cc(O)ccc23)cc1
72 Br1ccc(I)cc1.C=Cc1ccc(F)cc1>>Fc1ccc(/C=C/c2ccc(Br)cc2)cc1
73 C=CN1C(=O)c2ccccc2C1=O.Cc1ccc(S(=O)(=O)n2cc(I)c3c(Br)cccc32)cc1>>Cc1ccc(S(=O)(=O)n2cc(/
C=C/N3C(=O)c4ccccc4C3=O)c3c(Br)cccc32)cc1
74 C=CC(=O)O.Fc1cc(Cl)c(Br)cc1F>>O=C(O)/C=C/c1cc(F)c(F)cc1Cl
75 Br1ccc(I)cc1.C=CCN1C(=O)c2ccccc2C1=O>>O=C1c2ccccc2C(=O)N1C/C=C/c1ccc(Br)cc1
CC(C)COC(=O)[C@H](C)OC(=O)[C@H](C/C=C1\CCN([14c]2[14cH][14cH][14cH][14cH][14c
H]2)C1=O)Nc1cc(Cl)ccc1I>>CC(C)COC(=O)[C@H](C)OC(=O)[C@H]1C/C(=C2/CCN([14c]3[14c
H][14cH][14cH][14cH][14cH]3)C2=O)c2ccc(Cl)cc2N1
76 C=CC(=O)N(C)C.Clc1nc(N2CCOCC2)c2sc3ncc(Br)cc3c2n1>>CN(C)C(=O)/C=C/c1cnc2sc3c(N4CC
OCC4)nc(Cl)nc3c2c1
77 C=CC(=O)OCC.CS(=O)(=O)N1CCC(C2c3ccc(Cl)cc3C=C(Br)c3ccncc32)CC1>>CCOC(=O)/C=C/C1
=Cc2cc(Cl)ccc2C(C2CCN(S(C)(=O)=O)CC2)c2ncccc21
78 C=CC(=O)OCC.CC(=O)Nc1ccc(Br)cc1I>>CCOC(=O)/C=C/c1cc(Br)ccc1NC(C)=O
79 C=Cc1cncnc1.C[C@H](COc1cnc(Cl)c(Br)c1)NC(=O)OC(C)(C)C>>C[C@H](COc1cnc(Cl)c(/C=C/c2c
cncc2)c1)NC(=O)OC(C)(C)C
80 C=CC(=O)OCC.COc1ccc(Cl)cc1Br>>CCOC(=O)/C=C/c1cc(Cl)ccc1OC
81 C=Cc1ccc(C(F)(F)F)nc1.Cc1nn(C)c(=O)c(-c2c(F)ccc(Cl)c2Br)c1OC(=O)C(C)C>>Cc1nn(C)c(=O)c(-
c2c(F)ccc(Cl)c2/C=C/c2ccc(C(F)(F)F)nc2)c1OC(=O)C(C)C
82 C=CC(=O)OCCCC.Cc1cc(Br)ccc1I>>CCCCOC(=O)/C=C/c1ccc(Br)cc1C
83 C=CC(=O)OCCCC.Clc1cccc(Br)c1>>CCCCOC(=O)/C=C/c1cccc(Cl)c1
84 O=C(/C=C/c1ccccc1)O/C(=C/I)c1ccc(Br)cc1>>O=C1OC(c2ccc(Br)cc2)=C/C1=C\c1ccccc1
85

86 Br1ccc(I)cc1.CCOC(=O)/C(F)=C\CCc1ccccc1>>CCOC(=O)/C(F)=C\CCc1ccccc1)c1ccc(Br)cc1
87 C=CC(=O)OC.CC(C)N(C(=O)Cc1c(Br)cccc1I)C(C)C>>COC(=O)/C=C/c1cccc(Br)c1CC(=O)N(C(C)C)
)C(C)C
88 C=CC(=O)N(C)C.Clc1nc(N2CCOCC2)c2oc3ncc(Br)cc3c2n1>>CN(C)C(=O)/C=C/c1cnc2oc3c(N4CC
OCC4)nc(Cl)nc3c2c1
89 C=CCNS(=O)(=O)c1cc(C(F)(F)F)cc(C(F)(F)F)c1.Clc1ccc(Br)cc1>>O=S(=O)(NC/C=C/c1ccc(Cl)cc1)c
1cc(C(F)(F)F)cc(C(F)(F)F)c1
90 C=Cc1ccc(N(C)C)cc1.FCCOCCOCCOc1ncc(I)cc1Br>>CN(C)c1ccc(/C=C/c2cnc(OCCOCCOCCF)c(B
r)c2)cc1
91 C=Cc1ccccc1.O=Cc1ccc(Cl)cc1Br>>O=Cc1ccc(Cl)cc1/C=C/c1ccccc1
92 C=CC#N.Fc1c(Cl)cccc1Br>>N#C/C=C/c1cccc(Cl)c1F
93 C=CC(=O)OC(C)C.O=C(CCc1ccccc1)Nc1cc(Br)cc(I)c1>>CC(C)(C)OC(=O)/C=C/c1cc(Br)cc(NC(
=O)CCc2ccccc2)c1
94 Br1ccccc1I.C=Cc1ccc(C)cc1C>>Cc1ccc(/C=C/c2ccccc2Br)c(C)c1
95 C=Cc1ccc2ccccc2c1.Cc1ccc(Br)cc1I>>Cc1ccc(Br)cc1/C=C/c1ccc2ccccc2c1
96 C=CCn1c(N(c2ccc(F)cc2I)S(=O)(=O)c2cccs2)cc2cc(Br)ccc21>>O=S(=O)(c1cccs1)N1c2ccc(F)cc2/C=
C\N2c1cc1cc(Br)ccc12
97 C=CC(=O)OC(C)C.COC(=O)c1cc(Cl)ncc1Br>>COC(=O)c1cc(Cl)ncc1/C=C/C(=O)OC(C)(C)C
98 C=CCC(Oc1ccc(Cl)cc1Br)C(=O)OCC>>C=C1CC(C(=O)OCC)Oc2ccc(Cl)cc21
99 C=CC(=O)OC.O=S(=O)(c1ccc(Cl)cc1)N1CCc2cc(Br)ccc21>>COC(=O)/C=C/c1cnc2c(c1)CCN2S(=O
)(=O)c1ccc(Cl)cc1
100 C=CC(N)=O.CCc1cc(Br)ccc1Cl>>CCc1cc(/C=C/C(N)=O)ccc1Cl
101 C=Cc1ccc(C(C)C)cc1.Cc1cc(Br)ccc1I>>Cc1cc(Br)ccc1/C=C/c1ccc(C(C)(C)C)cc1
102 C=Cc1cnc(C#N)c1Nc1ccc2[nH]ccc2c1C.Clc1cccc(Br)n1>>Cc1c(Nc2c(C#N)cncc2/C=C/c2cccc(Cl)n
2)ccc2[nH]ccc12
103 Br1ccc(I)cc1.C=C[C@H](C)[C@H]1CC[C@H]2[C@@H]3CC(=O)[C@H]4C[C@H](O)CC[C@]4
(C)[C@H]3CC[C@]21C>>C[C@H](/C=C/c1ccc(Br)cc1)[C@H]1CC[C@H]2[C@@H]3CC(=O)[C
@H]4C[C@H](O)CC[C@]4(C)[C@H]3CC[C@]21C
104 C=C(NC(C)=O)C(=O)OC.Clc1ccc(Br)cc1>>COC(=O)/C(=C/c1ccc(Cl)cc1)NC(C)=O
105 C=C(C)C(=O)OC.Clc1ccc(Br)cc1>>COC(=O)/C(C)=C/c1ccc(Cl)cc1
106 Br1ccccc(I)c1.COC[C@H](/N=C\c1ccccc1)N1C=CCC[C@H]1C)C(C)C>>COC[C@H](/N=C\c1
ccccc1)N1C=C(c2cccc(Br)c2)CC[C@H]1C)C(C)C
107 Br1ccc(C#Cc2ccccc(I)c2)cc1.C=CC(=O)OC>>COC(=O)/C=C/c1cccc(C#Cc2ccc(Br)cc2)c1
108 C=Cc1cnc(C#N)c1.Cc1cc(Br)cc(C)c1I>>Cc1cc(Br)cc(C)c1/C=C/c1cnc(C#N)c1
109 Br1ccc(I)cc1.C=CCOc1ccccc1>>Br1ccc(/C=C/COc2ccccc2)cc1
110 C=Cc1cnc(C#N)c1Nc1ccc2[nH]ccc2c1C.Clc1ccc(Br)cn1>>Cc1c(Nc2c(C#N)cncc2/C=C/c2ccc(Cl)nc
2)ccc2[nH]ccc12
111 C=CC(=O)OCC.Clc1cc(Br)cc2c1NCCCC2>>CCOC(=O)/C=C/c1cc(Cl)c2c(c1)CCCN2
112 C=Cc1ccc(OC)cc1.Nc1ncc(Cl)cc1Br>>COc1ccc(/C=C/c2cc(Cl)ccc2N)cc1
113 Br1ccc(I)cc1.C=CC(N)=O>>NC(=O)/C=C/c1ccc(Br)cc1
114 Br1ccccc2c1cc(-c1ccc(I)cc1)n2-c1nccn1.C=CC(=O)OCC>>CCOC(=O)/C=C/c1ccc(-
c2cc3c(Br)cccc3n2-c2nccn2)cc1
115 C=C[C@](C)(O)CO.Clc1ccccc1Br>>C[C@](O)(/C=C/c1ccccc1Cl)CO
116 Br1ccc(I)cc1.C=C[Si](C)(C)C>>C[Si](C)(C)/C=C/c1ccc(Br)cc1
117 C=Cc1ccc2c(ccc(=O)n2COCC[Si](C)(C)C)c1.FC(F)Oc1ccc(Nc2ncc(Br)cn2)cc1Cl>>C[Si](C)(C)CCO
Cn1c(=O)ccc2cc(/C=C/c3cnc(Nc4ccc(OC(F)F)c(Cl)c4)nc3)ccc21
118 C=CC(=O)OCC.O=C(Nc1ccccc1Cl)c1ccc(Br)o1>>CCOC(=O)/C=C/c1ccc(C(=O)Nc2ccccc2Cl)o1
119 C=Cc1cccc(Nc2ncc(Cl)c(Nc3cc(Br)ccc3OC)n2)c1>>COc1ccc2cc1Nc1nc(ncc1Cl)Nc1cccc(c1)/C=C\2
120 Br1ccc(I)cc1.C=Cc1ccc(S(C)(=O)=O)cc1>>CS(=O)(=O)c1ccc(/C=C/c2ccc(Br)cc2)cc1
121 Br1ccc(-c2ccc(I)cc2)cc1.C=Cc1ccc(CP(=O)(OCC)OCC)cc1>>CCOP(=O)(Cc1ccc(/C=C/c2ccc(-
c3ccc(Br)cc3)cc2)cc1)OCC
122 C=Cc1ccc2c(cnn2C2CCCCO2)c1.FC(F)Oc1ccc(Nc2ncc(Br)cn2)cc1Cl>>FC(F)Oc1ccc(Nc2ncc(/C=C/c
3ccc4c(cnn4C4CCCCO4)c3)cn2)cc1Cl
123 C=C.ClCc1ccccc(Br)c1>>C=CCc1ccccc(Br)c1
124 Br1ccc(I)cc1.C=Cc1c(F)c(F)c(F)c(F)c1F>>Fc1c(F)c(F)c(/C=C/c2ccc(Br)cc2)c(F)c1F
125 Br1ccc(I)cc1.C=Cc1ccc(C(C)(C)C)cc1>>CC(C)(C)c1ccc(/C=C/c2ccc(Br)cc2)cc1
126 C=CCn1c(N(c2ccc(F)cc2I)S(=O)(=O)c2ccc(C)cc2)cc2cc(Br)ccc21>>Cc1ccc(S(=O)(=O)N2c3ccc(F)cc
3/C=C\N3c2cc2cc(Br)ccc23)cc1
127 C=CC(=O)OCC.Cc1ccc(S(=O)(=O)n2c(I)cc3c(Br)cn(C)c(=O)c32)cc1>>CCOC(=O)/C=C/c1cc2c(Br)c
n(C)c(=O)c2n1S(=O)(=O)c1ccc(C)cc1
128 C=CC(=O)OCCCC.Cc1cc(I)ccc1Br>>CCCCOC(=O)/C=C/c1ccc(Br)c(C)c1

129 C=CC(=O)Nc1cccc1NC(=O)OC(C)(C)C.COC(=O)C(CCCCl)c1ccc(Br)cc1>>COC(=O)C(CCCCl)c1c
cc(/C=C/C(=O)Nc2ccccc2NC(=O)OC(C)(C)C)cc1
130 C=CP(=O)(OCC)OCC.Clc1cccc1Br>>CCOP(=O)(/C=C/c1cccc1Cl)OCC
131 C=CCc1cc(Cl)c2ccenc2c1OCc1ccc(F)cc1Br>>C=C1Cc2cc(Cl)c3ccenc3c2OCc2ccc(F)cc21
C=Cc1ccc(OC)c(Nc2nc(Nc3ccc(N4CCN(C)CC4)c(Br)c3)ncc2Cl)c1>>COc1ccc2cc1Nc1nc(ncc1Cl)Nc
132 1ccc(N3CCN(C)CC3)c(c1)/C=C\2
133 C=COCCCC.O=c1cc(Br)c2ccc(Cl)cc2o1>>CCCCO/C=C/c1cc(=O)oc2cc(Cl)ccc12
134 C=CC(=O)OCC.O=Cc1cc(Cl)ccc1Br>>CCOC(=O)/C=C/c1ccc(Cl)cc1C=O
135 C=CC(=O)OCC.Nc1ccc(Br)nc1I>>CCOC(=O)/C=C/c1nc(Br)ccc1N
136 C=Cc1cccc1.Nc1ccc(Br)cc1I>>Nc1ccc(Br)cc1/C=C/c1cccc1
137 C=CC(=O)OCC.Cc1[nH]cc2c(=O)n(-c3ccc(Cl)cc3)nc-2c1Br>>CCOC(=O)/C=C/c1c2nn(-
c3ccc(Cl)cc3)c(=O)c-2c[nH]c1C
138 Br1ccc(I)cc1.C=Cc1ccc(CP(=O)(OC(C)(C)C)OC(C)(C)C)cc1>>CC(C)(C)OP(=O)(Cc1ccc(/C=C/c2cc
c(Br)cc2)cc1OC(C)(C)C
139 C=CC(=O)OCCN(C)C.O=C(Nc1cccc(Cl)c1)c1cc(=O)c2cc(Br)ccc2o1>>CN(C)CCOC(=O)/C=C/c1ccc
2oc(C(=O)Nc3cccc(Cl)c3)cc(=O)c2c1
140 Br1ccc(I)cc1.C=Cc1ccc(Cl)cc1>>Clc1ccc(/C=C/c2ccc(Br)cc2)cc1
CC(C)COC(=O)[C@H](C)OC(=O)[C@H](C/C=C1CCN([13c]2[13cH][13cH][13cH][13cH][13c
141 H]2)C1=O)Nc1cc(Cl)ccc1I>>CC(C)COC(=O)[C@H](C)OC(=O)[C@H]1C/C=C2/CCN([13c]3[13c
H][13cH][13cH][13cH][13cH]3)C2=O)c2ccc(Cl)cc2N1
142 C=Cc1cc(Cl)c(C)cc1OCc1cccc1Br>>Cc1cc2c(cc1Cl)/C=C\c1cccc1CO2
143 C=Cc1ccccc1.Nc1ccc(Cl)cc1Br>>Nc1ccc(Cl)cc1/C=C/c1ccccc1
144 C=CC(=O)OC(C)(C)C.O=C(NCc1ccc(OC(F)(F)F)cc1)c1cc(Br)cc(I)c1>>CC(C)(C)OC(=O)/C=C/c1cc(
Br)cc(C(=O)NCc2ccc(OC(F)(F)F)cc2)c1
145 C=CC(=O)OC.O=Cc1cc(OCc2c(-c3ccc(Cl)cc3)nsc2C(F)(F)F)ccc1Br>>COC(=O)/C=C/c1ccc(OCc2c(-
c3ccc(Cl)cc3)nsc2C(F)(F)F)cc1C=O
146 C=Cc1ccnc(Br)c1.CC(C)(C)OC(=O)N1CC[C@H]1COc1cnc(Cl)c(I)c1>>CC(C)(C)OC(=O)N1CC[C@
H]1COc1cnc(Cl)c(/C=C/c2ccnc(Br)c2)c1
147 C=Cc1ccc(SC)cc1.Clc1c2cc(Br)ccc2nc2c1[nH]c1cccc12>>CSc1ccc(/C=C/c2ccc3nc4c([nH]c5cccc5
4)c(Cl)c3c2)cc1
148 C=CC(=O)OC(C)(C)C.O=C(NCCc1cccc1)c1cc(Br)cc(I)c1>>CC(C)(C)OC(=O)/C=C/c1cc(Br)cc(C(=
O)NCCc2ccccc2)c1
149 C=CC(=O)OC.N#Cc1ccc(Cl)c(F)c1Br>>COC(=O)/C=C/c1c(C#N)ccc(Cl)c1F
150 C=Cc1cccc1.COC(=O)c1cc(Br)ccc1Cl>>COC(=O)c1cc(/C=C/c2ccccc2)ccc1Cl
151 C=Cc1cnc(C#N)c1Nc1ccc2[nH]ccc2c1C.ClCCOc1cccc(Br)c1>>Cc1c(Nc2c(C#N)cncc2/C=C/c2cccc(
OCCCl)c2)ccc2[nH]ccc12
152 C=CCN(CC1=C(Br)CCCCC1)c1ccc(Cl)cc1>>C=C1CN(c2ccc(Cl)cc2)CC2=C1CCCCC2
153 C=Cc1ccc(OC(C)=O)cc1.FCCOCCOCCOc1ncc(I)cc1Br>>CC(=O)Oc1ccc(/C=C/c2cnc(OCCOCCOC
CF)c(Br)c2)cc1
154 C=CC(=O)OC.CC(C)(C)c1[nH]c2ccccc2c1C1CCCN(Cc2ccc(Br)cc2Cl)C1>>COC(=O)/C=C/c1ccc(CN
2CCCC(c3c(C(C)(C)C)[nH]c4ccccc34)C2)c(Cl)c1
155 Br1ccccc1I.C=Cc1ccc(Cl)cc1>>Clc1ccc(/C=C/c2ccccc2Br)cc1
156 C=CC(=O)OCC.Clc1ccc(Br)cn1>>CCOC(=O)/C=C/c1ccc(Cl)nc1
157 C=CC(=O)OCC.Nc1c(I)nc(Cl)c1Br>>CCOC(=O)/C=C/c1nc(Cl)c(Br)c1N
158 C=CC(=O)OC(C)(C)C.CC(=O)c1ccc(Cl)cc1Br>>CC(=O)c1ccc(Cl)cc1/C=C/C(=O)OC(C)(C)C
159 C=CC(=O)OCC.CC1(C)CC(=C(c2ccc(Br)cc2)c2ccc(O)c(Cl)c2)CC(C)(C)O1>>CCOC(=O)/C=C/c1ccc
(C(=C2CC(C)(C)OC(C)(C)C2)c2ccc(O)c(Cl)c2)cc1
160 C=CCN(C(=O)c1ccc2ccccc2c1Br)C(C(=O)NC1CCCC1)c1ccc(Cl)cc1>>C=C1CN(C(C(=O)NC2CCC
CC2)c2ccc(Cl)cc2)C(=O)c2ccc3ccccc3c21
161 C=CC(=O)OC(C)(C)C.COc1ccc(CNC(=O)c2cc(Br)cc(I)c2)cc1>>COc1ccc(CNC(=O)c2cc(Br)cc(/C=C
/C(=O)OC(C)(C)C)c2)cc1
162 C=CC#N.COc1cc(Cl)ccc1Br>>COc1cc(Cl)ccc1/C=C/C#N
163 Br1ccccc1I.C=C[Si](C)(C)C>>C[Si](C)(C)/C=C/c1ccccc1Br
164 C=Cc1ccccc1.Clc1ccc(Br)cc1>>Clc1ccc(/C=C/c2ccccc2)cc1
165 C=CC12CCC(NC(=O)OC(C)(C)C)(CC1)CO2.COc1ccc2ncc(Cl)c(Br)c2n1>>COc1ccc2ncc(Cl)c(/C=C/
C34CCC(NC(=O)OC(C)(C)C)(CC3)CO4)c2n1
166 C=Cc1cc(Cl)ccc1OS(=O)(=O)c1ccccc1Br>>OS1(=O)Oc2ccc(Cl)cc2/C=C\c2ccccc21
167 C=CC(C)=O.CNC(=O)c1c2cc(C3CC3)c(I)cc2nn1-
c1ccc(Br)cc1>>CNC(=O)c1c2cc(C3CC3)c(/C=C/C(C)=O)cc2nn1-c1ccc(Br)cc1
168 C=CC(=O)OC.Clc1cccc(Br)c1>>COC(=O)/C=C/c1cccc(Cl)c1
169 Br1ccccc1I.C=CC(=O)OC>>COC(=O)/C=C/c1cccc(Br)c1

170 C=CC(=O)OCC.CCOC(=O)c1cc(Cl)cc(Br)c1>>CCOC(=O)/C=C/c1cc(Cl)cc(C(=O)OCC)c1
171 C=CC(=O)OC.COc1ccc(Cl)cc1Br>>COC(=O)/C=C/c1cc(Cl)ccc1OC
172 C=CCN(CCc1ccc(Cl)cc1I)C(=O)C(F)(F)F>>C=C1CN(C(=O)C(F)(F)F)CCc2ccc(Cl)cc21
173 C=Cc1cccc([N+](=O)[O-])c1.Clc1cccc(Br)c1>>O=[N+](O-)]c1cccc(/C=C/c2cccc(Cl)c2)c1
174 C=CC(=O)OC(C)(C)C.Nc1ccc(Br)cc1I>>CC(C)(C)OC(=O)/C=C/c1cc(Br)ccc1N
175 C=CC(=O)OCC.COc1ncc(Br)c(N)c1I>>CCOC(=O)/C=C/c1c(OC)ncc(Br)c1N
176 C=Cc1ccc(C)cc1.Nc1ccc(Cl)cc1Br>>Cc1ccc(/C=C/c2cc(Cl)ccc2N)cc1
177 C=CC(=O)OCC.Cc1nn(C)c(Oc2cc(Br)ccc2Cl)c1C=O>>CCOC(=O)/C=C/c1ccc(Cl)c(Oc2c(C=O)c(C)n
n2C)c1
178 C=Cc1cccc(Nc2nc(Nc3ccc(OCCN4CCCC4)c(Br)c3)ncc2Cl)c1>>Clc1cnc2nc1Nc1cccc(c1)/C=C\c1cc(
ccc1OCCN1CCCC1)N2
179 C=Cc1ccc(F)cc1.Cc1nn(C)c(=O)c(-c2c(F)ccc(Cl)c2Br)c1OC(=O)C(C)C>>Cc1nn(C)c(=O)c(-
c2c(F)ccc(Cl)c2/C=C/c2ccc(F)cc2)c1OC(=O)C(C)C
180 C=CC(=O)OC(C)(C)C.O=Cc1cc(Cl)ccc1Br>>CC(C)(C)OC(=O)/C=C/c1ccc(Cl)cc1C=O
181 C=Cc1ccc(N2CCN(C(C)=O)CC2)cc1.Clc1cc(Br)cc(Cn2cnc2)c1>>CC(=O)N1CCN(c2ccc(/C=C/c3cc(
Cl)cc(Cn4cnc4)c3)cc2)CC1
182 C=CC(=O)OC(C)(C)C.CCOC(=O)Cc1ccc(Br)cc1Cl>>CCOC(=O)Cc1ccc(/C=C/C(=O)OC(C)(C)C)cc1
183 C=CCn1c(N(c2ccc(C)cc2I)S(C)(=O)=O)cc2cc(Cl)ccc21>>Cc1ccc2c(c1)/C=C\Cn1c(cc3cc(Cl)ccc31)N
2S(C)(=O)=O
184 C=CCn1c(N(c2ccc(Cl)cc2I)S(C)(=O)=O)cc2cc([N+](=O)[O-
])ccc21>>CS(=O)(=O)N1c2ccc(Cl)cc2/C=C\Cn2c1cc1cc([N+](=O)[O-])ccc12
185 Br1cccc1I.C=C1CC(c2ccc(Cl)cc2)OC1=O>>O=C1OC(c2ccc(Cl)cc2)C/C1=C\c1cccc1Br
186 C=Cc1ccnc1N(Cc1cc(Br)ccc1I)C(C)=O>>CC(=O)N1Cc2cc(Br)ccc2/C=C\c2ccnc21
187 C=CC(=O)OCC.O=Cc1ccc(Cl)cc1Br>>CCOC(=O)/C=C/c1cc(Cl)ccc1C=O
188 C=CC(=O)OCc1cccc1.Oc1ccc(Br)c(Cl)c1>>O=C(/C=C/c1ccc(O)cc1Cl)OCc1cccc1
189 C=CC(=O)OCC.Nc1ccc(Cl)cc1Br>>CCOC(=O)/C=C/c1cc(Cl)ccc1N
190 Br1cccc1I.C=CC(=O)OCCSc1cccc1>>O=C(/C=C/c1cccc1Br)OCCSc1cccc1
191 C=CC(=O)OC(C)(C)C.Cc1ccc(Cl)cc1N1CCN(c2nnc3c2c(Br)nn3C2CCCCO2)CC1>>Cc1ccc(Cl)cc1
N1CCN(c2nnc3c2c(/C=C/C(=O)OC(C)(C)C)nn3C2CCCCO2)CC1
192 C=CC(=O)OC.Oc1ccc(Br)cc1Cl>>COC(=O)/C=C/c1ccc(O)c(Cl)c1
193 C=CC(=O)OC.O=Cc1cc(Cl)ccc1Br>>COC(=O)/C=C/c1ccc(Cl)cc1C=O
194 C=CC(=O)OC(C)(C)C.O=S(=O)(c1ccc(Cl)cc1)n1ccc2cc(Br)cnc21>>CC(C)(C)OC(=O)/C=C/c1cnc2c(
ccn2S(=O)(=O)c2ccc(Cl)cc2)c1
195 Br1ccc(I)cc1.C=C(F)C(=O)OC>>COC(=O)/C(F)=C/c1ccc(Br)cc1
196 C=CC(=O)OCCCC.Clc1ccc(Br)cc1>>CCCCOC(=O)/C=C/c1ccc(Cl)cc1
197 C=CC(=O)OC.N#Cc1c(Br)cnc1I>>COC(=O)/C=C/c1ncc(Br)c1C#N
198 C=CC(=O)OC(C)(C)C.O=C(CCc1cccc1)Nc1ccc(Br)cc1I>>CC(C)(C)OC(=O)/C=C/c1cc(Br)ccc1NC(
=O)CCc1cccc1
199 Br1cccc(I)c1.C=CC(=O)OCCCC>>CCCCOC(=O)/C=C/c1cccc(Br)c1
200 Br1cccc1I.C=C(F)[Si](C)(c1cccc1)c1cccc1>>C[Si](/C(F)=C/c1cccc1Br)(c1cccc1)c1cccc1
201 C=CC(=O)OC(C)(C)C.O=C(NCc1cccc(OC(F)(F)F)c1)c1cc(Br)cc(I)c1>>CC(C)(C)OC(=O)/C=C/c1cc(
Br)cc(C(=O)NCc2cccc(OC(F)(F)F)c2)c1
202 O=C(/C=C/c1cccs1)O/C(=C\I)c1ccc(Br)cc1>>O=C1OC(c2ccc(Br)cc2)=C/C1=C\c1cccs1
203 C=CC(=O)OC(C)(C)C.O=S(=O)(c1cccc(Br)c1)c1ccc2cc(Cl)ccc2n1>>CC(C)(C)OC(=O)/C=C/c1cccc(
S(=O)(=O)c2ccc3cc(Cl)ccc3n2)c1
204 C=CC(=O)Nc1cccc1NC(=O)OC(C)(C)C.CCN(CC)C1CCN(CC(C(=O)Nc2ccc(Cl)cc2)c2ccc(Br)cc2)C
1>>CCN(CC)C1CCN(CC(C(=O)Nc2ccc(Cl)cc2)c2ccc(/C=C/C(=O)Nc3cccc3NC(=O)OC(C)(C)C)cc2
205 C=CC(=O)O.Clc1ccc(Br)cc1>>O=C(O)/C=C/c1ccc(Cl)cc1
206 C=CC(=O)Nc1cccc1NC(=O)OC(C)(C)C.CN1C[C@H](c2ccc(Br)cc2F)[C@H](C(=O)Nc2ccc(Cl)cc
2)C1>>CN1C[C@H](c2ccc(/C=C/C(=O)Nc3cccc3NC(=O)OC(C)(C)C)cc2F)[C@H](C(=O)Nc2ccc
(Cl)cc2)C1
207 Br1cccc(I)c1.C=CS(=O)(=O)F>>O=S(=O)(F)/C=C/c1cccc(Br)c1
208 C=CCN(CCc1cc(Cl)ccc1I)C(=O)C(F)(F)F>>C=C1CN(C(=O)C(F)(F)F)CCc2cc(Cl)ccc21
209 C=CC(=O)OC.Nc1ccc(Br)cc1I>>COC(=O)/C=C/c1cc(Br)ccc1N
210 Br1cc(I)c2cccc2n1.C=CC(=O)OC>>COC(=O)/C=C/c1cc(Br)nc2cccc12
211 C=CCn1c(N(c2ccc(Br)cc2I)S(=O)(=O)c2ccc(C)cc2)cc2cc(C)ccc21>>Cc1ccc(S(=O)(=O)N2c3ccc(Br)c
c3/C=C\Cn3c2cc2cc(C)ccc23)cc1
212 Br1ccc(I)cc1.C=CC(=O)OCC>>CCOC(=O)/C=C/c1ccc(Br)cc1
213 C=Cc1cccc1.O=C1C[C@H](c2ccc(Cl)cc2Br)CN1>>O=C1C[C@H](c2ccc(Cl)cc2/C=C/c2cccc2)CN
214 C=CC(=O)OCC.COc1ccc(Br)cc1I>>CCOC(=O)/C=C/c1cc(Br)ccc1OC

215 C=CC(=O)OCC.O=C(Nc1ccc(Cl)cc1)c1cccc(Br)c1>>CCOC(=O)/C=C/c1cccc(C(=O)Nc2ccc(Cl)cc2)c
 216 Br1cccc2c1cc(-c1ccc(I)cc1)n2-c1ncccn1.C=CC(=O)OC>>COC(=O)/C=C/c1ccc(-c2cc3c(Br)cccc3n2-
 c2ncccn2)cc1
 217 C=CC(=O)OCC.Clc1ccc(Oc2cccc(Br)c2)cc1>>CCOC(=O)/C=C/c1cccc(Oc2ccc(Cl)cc2)c1
 218 C=C.COc1cc2c(cc1Br)NC(=O)c1ccc(Cl)cc1N2>>C=Cc1cc2c(cc1OC)Nc1cc(Cl)ccc1C(=O)N2
 219 C=CCn1c(N(c2ccc(Cl)cc2)S(=O)(=O)c2ccc(C)cc2)cc2cc(C)ccc21>>Cc1ccc(S(=O)(=O)N2c3ccc(Cl)c
 c3/C=C/Cn3c2cc2cc(C)ccc23)cc1
 220 C=Cc1cccc1.Nc1ncc(Cl)cc1Br>>Nc1ncc(Cl)cc1/C=C/c1cccc1
 221 C=CCN(CC1=C(Br)c2cccc2CC1)c1ccc(Cl)cc1>>C=C1CN(c2ccc(Cl)cc2)CC2=C1c1cccc1CC2
 222 C=CC(=O)OC(C)(C)C.COc1ccc(CNc2c(Br)cc(C)cc2)cc1>>COc1ccc(CNc2c(Br)cc(C)cc2/C=C/C(=O)
)OC(C)(C)C)cc1
 223 Br1ccc(I)cc1.C=CC(=O)OCCCC>>CCCCOC(=O)/C=C/c1ccc(Br)cc1
 224 C=CC(=O)OCCCC.Cn1nc(Br)c2c(Cl)cccc21>>CCCCOC(=O)/C=C/c1nn(C)c2cccc(Cl)c12
 225 Br1ccc(I)cc1.C=CC(=O)OC1CCCCC1>>O=C/C=C/c1ccc(Br)cc1)OC1CCCCC1
 226 C=Cc1ccc(N(C)S(C)(=O)=O)c(Nc2nc(Nc3cc(Br)c(N4CCN(C)CC4)cc3OC)ncc2Cl)c1>>COc1cc(N2C
 CN(C)CC2)c2cc1Nc1ncc(Cl)c(n1)Nc1cc(ccc1N(C)S(C)(=O)=O)/C=C\2
 227 C[C@@H](OC(=O)[C@@H](C/C=C1\CCN(c2ccccc2)C1=O)Nc1cc(Cl)ccc1)C(=O)OC(C)(C)C>>C[
 C@@H](OC(=O)[C@@H]1C/C=C2\CCN(c3ccccc3)C2=O)c2ccc(Cl)cc2N1)C(=O)OC(C)(C)C
 228 C=CC(=O)OC.COc1ccc(Br)cc1Cl>>COc1ccc(/C=C/C(=O)OC)cc1Cl
 229 Br1cccc1I.C=CC(=O)N(C)OC>>CON(C)C(=O)/C=C/c1cccc1Br
 230 C=Cc1cncnc1.CC[C@@H](COc1nnc(Cl)c(Br)c1)NC(=O)OC(C)(C)C>>CC[C@@H](COc1nnc(Cl)c(/
 C=C/c2cncnc2)c1)NC(=O)OC(C)(C)C
 231 C=CCC(C)C.ClCc1cccc(Br)c1>>C=C(Cc1cccc(Br)c1)CC(C)C
 232 C=CCc1cc(Cl)c2ccnnc2c1OCc1ccc(OC)cc1Br>>C=C1Cc2cc(Cl)c3ccnnc3c2OCc2ccc(OC)cc21
 233 C=CC(=O)OC(C)(C)C.O=C(Nc1ccc(Cl)c(F)c1Br)C(F)(F)F>>CC(C)(C)OC(=O)/C=C/c1c(NC(=O)C(F)
)(F)F)ccc(Cl)c1F
 234 C=CC(O)(CF)CF.FC(F)(F)c1ccc(Cl)c(Br)c1>>OC(/C=C/c1cc(C(F)(F)F)ccc1Cl)(CF)CF
 235 C=CS(=O)(=O)NC.Nc1ncc(Cl)cc1Br>>CNS(=O)(=O)/C=C/c1cc(Cl)cnc1N
 236 C=Cc1cncnc(C#N)c1Nc1ccc2[nH]ccc2c1C.ClCCOc1cccc1Br>>Cc1c(Nc2c(C#N)cncnc2/C=C/c2ccccc2
 OCCCl)ccc2[nH]ccc12
 237 C=C.Clc1ccc(Br)cc1>>C=Cc1ccc(Cl)cc1
 238 C=CC(=O)OCC.COc1c(-c2ccccc2Cl)cc2cnc(NC(C)C)nc2c1Br>>CCOC(=O)/C=C/c1c(OC)c(-
 c2ccccc2Cl)cc2cnc(NC(C)C)nc12
 239 C=CC(=O)OC(C)(C)C.Nc1ncc(Br)cc1I>>CC(C)(C)OC(=O)/C=C/c1cc(Br)cnc1N
 240 C=C.CC(=O)Nc1cc(Cl)ccc1Br>>C=Cc1ccc(Cl)cc1NC(C)=O
 241 C=Cc1cccc1.Nc1cc(Cl)ccc1Br>>Nc1cc(Cl)ccc1/C=C/c1cccc1
 242 C=CC(=O)OC(C)(C)C.Nc1ncc(I)c2scc(Br)c12>>CC(C)(C)OC(=O)/C=C/c1cnc(N)c2c(Br)csc12
 243 C=CC(=O)OCC.Clc1cccc1Br>>CCOC(=O)/C=C/c1cccc1Cl
 244 Br1ccc(I)cc1.C=CC(=O)CCCC>>CCCCC(=O)/C=C/c1ccc(Br)cc1
 245 C=CC(OC)OCC.O=Cc1ccc(Cl)cc1Br>>CCOC(/C=C/c1cc(Cl)ccc1C=O)OCC
 246 C=CC(=O)OCC.CCCCOC(=O)/C=C/c1ccc(Br)cc1Cl>>CCCCOC(=O)/C=C/c1ccc(/C=C/C(=O)OCC)c
 247 C=CC(=O)OCC.Clc1ncc(Br)cn1>>CCOC(=O)/C=C/c1cnc(Cl)nc1
 248 C=CCN(CC1=C(Br)CCCC1)c1ccc(Cl)cc1>>C=C1CN(c2ccc(Cl)cc2)CC2=C1CCCC2
 249 Br1ccc(I)cc1.C=CC(=O)OC>>COC(=O)/C=C/c1ccc(Br)cc1
 250 Br1ccc(I)cc1.C=Cc1cccc(OC)c1>>COc1cccc(/C=C/c2ccc(Br)cc2)c1
 251 C=CC(=O)OC(C)(C)C.O=S(=O)(c1cccc(Br)c1)c1ccc2cccc(Cl)c2n1>>CC(C)(C)OC(=O)/C=C/c1cccc(
 S(=O)(=O)c2ccc3cccc(Cl)c3n2)c1
 252 C=C.NC(=O)c1cc(Cl)ccc1Br>>C=Cc1ccc(Cl)cc1C(N)=O
 253 C=CC(C)(C)O.Nc1cnc(Br)c1I>>CC(C)(O)/C=C/c1c(N)cnc1Br
 254 Br1ccc(I)cc1.C=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F>>FC(F)(F)C(F)(F)C(F)(F)C(F)(F)
 C(F)(F)C(F)(F)/C=C/c1ccc(Br)cc1
 255 C=CC(=O)OC.Clc1cccc1Br>>COC(=O)/C=C/c1cccc1Cl
 256 C=CC(N)=O.CCOC(=O)C1=Cc2cc(Br)cc(Cl)c2OC1C(F)(F)F>>CCOC(=O)C1=Cc2cc(/C=C/C(N)=O)
 cc(Cl)c2OC1C(F)(F)F
 257 Br1cccc1I.C=CC(=O)OC>>COC(=O)/C=C/c1cccc1Br
 258 C=C.COC(=O)c1ccc(Cl)cc1Br>>C=Cc1cc(Cl)ccc1C(=O)OC
 259 C=Cc1ccc(SC)cc1.Clc1c2cc(Br)ccc2nc2c1oc1cccc12>>CSc1ccc(/C=C/c2ccc3nc4c(oc5ccccc54)c(Cl)
 c3c2)cc1
 260 C=Cc1cncnc(C#N)c1Nc1ccc2[nH]ccc2c1C.Clc1cc(Br)ccn1>>Cc1c(Nc2c(C#N)cncnc2/C=C/c2cnc(Cl)c
 2)ccc2[nH]ccc12

261 C=C1c2cccc2C1(C#N)CC.Clc1ccc(Br)cc1>>CCC1(C#N)/C(=C/c2ccc(Cl)cc2)c2cccc21
 262 C=CCn1c(N(c2ccc(C)cc2I)S(=O)(=O)c2cccs2)cc2cc(Cl)ccc21>>Cc1ccc2c(c1)/C=C/Cn1c(cc3cc(Cl)ccc31)N2S(=O)(=O)c1cccs1
 263 C=CCC(OCC(=C)Br)c1cccc(Cl)c1>>C=C1COC(c2cccc(Cl)c2)CC1=C
 264 C=CC(=O)Nc1cccc1NC(=O)OC(C)(C)C.CN1C[C@H](c2ccc(Br)cc2)[C@@H](C(=O)Nc2ccc(Cl)cc2)C1>>CN1C[C@H](c2ccc(/C=C/C(=O)Nc3cccc3NC(=O)OC(C)(C)C)cc2)[C@@H](C(=O)Nc2ccc(Cl)C=CCCOc1cc(=O)n(C)cc1-c1cc(NS(=O)(=O)CC)ccc1Oc1ccc(Cl)cc1I>>CCS(=O)(=O)Nc1ccc2c(c1)-c1cn(C)c(=O)cc1OCC/C=C/c1cc(Cl)ccc1O2
 265 C=CC(=O)OC.Cc1ccc(S(=O)(=O)n2cc(I)c3c(Br)cccc32)cc1>>COC(=O)/C=C/c1cn(S(=O)(=O)c2ccc(C)cc2)c2cccc(Br)c12
 266 C=CC(=O)OC(C)(C)C.Nc1ncc(Cl)cc1Br>>CC(C)(C)OC(=O)/C=C/c1cc(Cl)enc1N
 267 C=CC(=O)OCC.Fc1nc(Br)ccc1Cl>>CCOC(=O)/C=C/c1ccc(Cl)c(F)n1
 268 C=CC(=O)OCC.Clc1cccc(Oc2cccc(Br)c2)c1>>CCOC(=O)/C=C/c1cccc(Oc2cccc(Cl)c2)c1
 269 Br1ccc(I)cc1.C=Cc1ccc(C=O)cc1>>O=Cc1ccc(/C=C/c2ccc(Br)cc2)cc1
 270 C=CC(=O)OC.CON(C)C(=O)c1ccc(Br)cc1I>>COC(=O)/C=C/c1cc(Br)ccc1C(=O)N(C)OC
 271 C=CC(=O)OC(C)(C)C.FC(F)(F)c1ccc(Br)c(Cl)c1>>CC(C)(C)OC(=O)/C=C/c1ccc(C(F)(F)F)cc1Cl
 272 C=CC(=O)OC(C)(C)C.O=C1c2ccc(Br)cc2CCN1c1cc(F)ccc1Cl>>CC(C)(C)OC(=O)/C=C/c1ccc2c(c1)CCN(c1cc(F)ccc1Cl)C2=O
 273 Br1ccc(I)cc1.C=CCNC(=O)c1cc(C)on1>>Cc1cc(C(=O)NC/C=C/c2ccc(Br)cc2)no1
 274 C=CC(=O)OCCCC.Clc1cc(Br)ccc1I>>CCCCOC(=O)/C=C/c1ccc(Br)cc1Cl
 275 C=CC(=O)OCC.Cc1ncc(Br)c(N)c1I>>CCOC(=O)/C=C/c1c(C)ncc(Br)c1N
 276 C=COCCCC.Clc1ccc(Br)cc1>>CCCCO/C=C/c1ccc(Cl)cc1
 277 C=Cc1cenc2cccc12.CCCCCN(CCCCC)c1ccc(Br)c(Cl)c1>>CCCCCN(CCCCC)c1ccc(/C=C/c2ccnc3cccc23)c(Cl)c1
 278 C=Cc1cccc1.O=c1c(Br)c(-c2ccc(Cl)cc2)oc2ccccc12>>O=c1c(/C=C/c2ccccc2)c(-c2ccc(Cl)cc2)oc2ccccc12
 279 C=CCN(CC1=C(Br)CCC1)c1ccc(Cl)cc1>>C=C1CN(c2ccc(Cl)cc2)CC2=C1CCC2
 280 C=C(C)C(=O)OC.Clc1cccc(Br)c1>>COC(=O)/C(C)=C/c1cccc(Cl)c1
 281 C=CC(=O)OCC.Clc1ccc(C#C/C=C/c2cccc(Br)c2)cc1>>CCOC(=O)/C=C/c1cccc(/C=C/C#Cc2ccc(Cl)c2)c1
 282 C=CC(=O)OCC.COc1ccc(Cl)cc1-c1c(Br)c(=O)n(C)c2ccc(C(F)(F)F)cc12>>CCOC(=O)/C=C/c1c(-c2cc(Cl)ccc2OC)c2cc(C(F)(F)F)ccc2n(C)c1=O
 283 C=CC(=O)OC.Nc1c(I)cc(Br)c2c1C(=O)NC2=O>>COC(=O)/C=C/c1cc(Br)c2c(c1N)C(=O)NC2=O
 284 C=CC(=O)OCC.Cc1cc(Br)ccc1I>>CCOC(=O)/C=C/c1ccc(Br)cc1C
 285 C=CC(C)=O.Cc1ccc(I)c(Br)c1>>CC(=O)/C=C/c1ccc(C)cc1Br
 286 C=Cc1cccc(Nc2nc(Nc3cc(Br)c(N4CCN(C)CC4)cc3OC)ncc2Cl)c1>>COc1cc(N2CCN(C)CC2)c2cc1Nc1ncc(Cl)c(n1)Nc1cccc(c1)/C=C2
 287 C=CC(C)=O.FC1(F)C(I)=C1c1ccc(Br)cc1>>CC(=O)/C=C/C1=C(c2ccc(Br)cc2)C1(F)F
 288 C=C(NC(C)=O)C(=O)OC.C[Si](C)(C)CCOCn1nc(I)c2cc(Br)ccc21>>COC(=O)/C(=C/c1nn(COCC[Si](C)(C)C)c2ccc(Br)cc12)NC(C)=O
 289 C=Cc1cn(C(c2ccccc2)(c2ccccc2)c2ccccc2)cn1.CS(=O)(=O)N1CCC(C2c3ccc(Cl)cc3C=C(Br)c3ccnc32)CC1>>CS(=O)(=O)N1CCC(C2c3ccc(Cl)cc3C=C(/C=C/c3cn(C(c4ccccc4)(c4ccccc4)c4ccccc4)cn3)c3ccnc32)CC1
 290 Br1ccc(I)cc1.C=CCn1nnc2ccccc21>>Br1ccc(/C=C/Cn2nnc3ccccc32)cc1
 291 C=Cc1ccc(NC)cc1.FCCOCCOCCOc1ncc(I)cc1Br>>CNc1ccc(/C=C/c2cnc(OCCOCCOCCF)c(Br)c2)c
 292 C=CC(=O)OC(C)(C)C.O=C(OCc1ccccc1)c1cc(Br)cc(I)c1>>CC(C)(C)OC(=O)/C=C/c1cc(Br)cc(C(=O)OCCc2ccccc2)c1
 293 C=Cc1ccccc1.FC(F)(F)Oc1ccc(I)c(Br)c1>>FC(F)(F)Oc1ccc(/C=C/c2ccccc2)c(Br)c1
 294 Br1ccccc1I.C=C1CC(c2ccccc2)OC1=O>>O=C1OC(c2ccccc2)C/C1=C/c1ccccc1Br
 295 C=Cc1ccccc1.Clc1ccc2c(Br)ccnc2c1>>Clc1ccc2c(/C=C/c3ccccc3)ccnc2c1
 296 C=CC(=O)OCC.Nc1cc(Br)ncc1I>>CCOC(=O)/C=C/c1cnc(Br)cc1N
 297 C=CC(F)(F)Oc1ccc(Cl)cc1Br>>C=C1c2cc(Cl)ccc2OC1(F)F
 298 C=CC(=O)O.Clc1cccc(Br)c1>>O=C(O)/C=C/c1cccc(Cl)c1
 299 C=CC(=O)N1CCC(Cc2nnc(C)o2)CC1.Clc1ccc(Br)c(Cn2nccn2)c1>>Cc1nnc(CC2CCN(C(=O)/C=C/c3ccc(Cl)cc3Cn3nccn3)CC2)o1
 300 C=CCn1c(N(c2ccc(Cl)cc2I)S(=O)(=O)c2ccc(C)cc2)cc2ccccc21>>Cc1ccc(S(=O)(=O)N2c3ccc(Cl)cc3/C=C/Cn3c2cc2ccccc23)cc1
 301 C=CCC(O)c1cc2cc(Br)ccc2nc1Cl>>C=C1CC(O)c2cc3cc(Br)ccc3nc21
 302 C=C.O=[N+][([O-])c1cc(Cl)ccc1Br>>C=Cc1ccc(Cl)cc1[N+](=O)[O-]
 303 C=CC(=O)OCC.Fc1ccc(Br)c(OCc2ccccc2I)c1>>CCOC(=O)/C=C/c1ccccc1COc1cc(F)ccc1Br
 304

C=CC(OCC)OCC.O=Cc1ccc(Cl)ccc1Br>>CCOC(/C=C/c1ccc(Cl)cc1C(=O)OCC
Bre1cccc1I.C=C1C(=O)O[C@H]2[C@H]1CC/C(C)=C/CC[C@@]1(C)O[C@@H]21>>C/C1=C\CC[
C@@]2(C)O[C@H]2[C@H]2OC(=O)/C(=C/c3cccc3Br)[C@@H]2CC1
C=CC(=O)OC(C)(C)C.FC(F)(F)c1ccc(Br)ccc1Cl>>CC(C)(C)OC(=O)/C=C/c1ccc(Cl)c(C(F)(F)F)c1
C=CB1OC(=O)CN(C)CC(=O)O1.Cc1nn(C)c(=O)c(-
c2c(F)ccc(Cl)c2Br)c1OC(=O)C(C)C>>Cc1nn(C)c(=O)c(-
c2c(F)ccc(Cl)c2/C=C/B2OC(=O)CN(C)CC(=O)O2)c1OC(=O)C(C)C
Bre1cccc1I.C=Cc1cccc1>>Bre1cccc1/C=C/c1cccc1
C=Cc1cccc1.CCCCOC(=O)/C=C/c1ccc(Br)cc1Cl>>CCCCOC(=O)/C=C/c1ccc(/C=C/c2cccc2)cc1Cl
C=C(C)c1cccc1.Clc1ccc(Br)cc1>>C/C(=C\c1ccc(Cl)cc1)c1cccc1
C=COCCN(C)C.Clc1ccc(Br)cc1>>C=C(OCCN(C)C)c1ccc(Cl)cc1
C=CC(=O)OCC.O=[N+][([O-])c1ccc(Cl)ccc1Br>>CCOC(=O)/C=C/c1ccc(Cl)cc1[N+](=O)[O-]
C=CC(=O)OC(C)(C)C.Clc1ccc(Sc2cn(C3CC3)nc2-c2ccc(Br)cc2)cc1>>CC(C)(C)OC(=O)/C=C/c1ccc(-
c2nn(C3CC3)cc2Sc2ccc(Cl)cc2)cc1
C=Cc1cccc(Nc2nc(Nc3ccc(N4CCOCC4)c(Br)c3)ncc2Cl)c1>>Clc1cnc2nc1Ne1cccc(c1)/C=C\c1cc(ccc
1N1CCOCC1)N2
C=CC(=O)OC(C)(C)C.CCC(C(=O)c1ccc(Br)cc1)c1ccc(F)cc1Cl>>CCC(C(=O)c1ccc(/C=C/C(=O)OC(
C)(C)C)cc1)c1ccc(F)cc1Cl
Bre1cccc(I)c1.C=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F>>FC(F)(F)C(F)(F)
C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)/C=C/c1cccc(Br)c1
C=CC(=O)OCC.CCOC(=O)c1nc2cc(F)c(Br)cn2c1I>>CCOC(=O)/C=C/c1c(C(=O)OCC)nc2cc(F)c(Br)
C=CC(=O)OC(C)(C)C.CC(=O)c1ccc(Cl)c(F)c1Br>>CC(=O)c1ccc(Cl)c(F)c1/C=C/C(=O)OC(C)(C)C
C=CCOc1cccc1.Clc1cccc(Br)c1>>Clc1cccc(/C=C/COc2cccc2)c1
C=CC(=O)OC.COCC(=O)c1c(Br)c(Cl)cc2nn(C)cc12>>COC(=O)/C=C/c1c(Cl)cc2nn(C)cc2c1C(=O)OC
Bre1cccc(I)c1.C=Cc1cccc1>>Bre1cccc(/C=C/c2cccc2)c1
C=CC(=O)OCC.Fc1cc(Br)ccc1I>>CCOC(=O)/C=C/c1ccc(Br)cc1F
C=CC(=O)OCCCC.Fc1cc(Br)ccc1I>>CCCCOC(=O)/C=C/c1ccc(Br)cc1F
CCOC(=O)[C@@H](C/C=C\C1\CCN(c2cccc2)C1=O)Nc1cc(Cl)ccc1I>>CCOC(=O)[C@@H]1C/C(=C2/
CCN(c3cccc3)C2=O)c2ccc(Cl)cc2N1
Bre1ccc(I)cc1.C=Cc1ccc(CP(=O)(OCC)OCC)cc1>>CCOP(=O)(Cc1ccc(/C=C/c2ccc(Br)cc2)cc1)OCC
C=Cc1ccc(SC)cc1.Clc1c2ccc(Br)cc2nc2c1[nH]c1cccc12>>CSclccc(/C=C/c2ccc3c(Cl)c4[nH]c5cccc
5c4nc3c2)cc1
C=CC(=O)OC.CC(C)(C)OC(=O)N(CCc1c(Cl)ccnclBr)C(=O)OC(C)(C)C>>COC(=O)/C=C/c1nccc(Cl)
c1CCN(C(=O)OC(C)(C)C)C(=O)OC(C)(C)C
C=Cc1ccc(O)c(OC)c1.COCC(=O)Cn1c(=O)c(Cl)nc2cc(Br)cn21>>COC(=O)Cn1c(=O)c(/C=C/c2ccc(O
)c(OC)c2)nc2cc(Br)cn21
C=CC(=O)OCC.Oc1ccc(Br)c(Cl)c1>>CCOC(=O)/C=C/c1ccc(O)cc1Cl
C=CC#N.Clc1ccc(Br)cc1>>N#C/C=C/c1ccc(Cl)cc1
C=CC(=O)OCCCC.Cn1nc(Br)c2ccc(Cl)cc21>>CCCCOC(=O)/C=C/c1nn(C)c2cc(Cl)ccc12
C=Cc1cccc1.Cc1ccc2c(-c3ccc(Cl)cc3)c(Br)c(=O)oc2c1>>Cc1ccc2c(-
c3ccc(Cl)cc3)c(/C=C/c3cccc3)c(=O)oc2c1
C=Cc1cccc1.Nc1ccc(Cl)cc1Br>>Nc1ccc(Cl)cc1/C=C/c1cccc1
C=CC(=O)N1CCOCC1.O=C(/C=C/c1ccc(Sc2cccc2Br)c(Cl)c1)N1CCOCC1>>O=C(/C=C/c1ccc(Sc2c
cccc2/C=C/C(=O)N2CCOCC2)c(Cl)c1)N1CCOCC1
C=Cc1ence(C#N)c1Nc1ccc2[nH]ccc2c1C.ClCCOc1ccc(Br)cc1>>Cc1c(Nc2c(C#N)cncc2/C=C/c2ccc(
OCCl)cc2)ccc2[nH]ccc12
C=Cc1ccc(OC)cc1.Clc1ccc(Br)cc1>>COc1ccc(/C=C/c2ccc(Cl)cc2)cc1
C=CP(=O)(OCC)OCC.Clc1ccc(Br)cc1>>CCOP(=O)/C=C/c1ccc(Cl)cc1OCC
C=CC(=O)OCc1cccc1.CCn1nn2c(Cl)c(Br)ccc21>>CCn1nn2c(Cl)c(/C=C/C(=O)OCe3cccc3)ccc21
Bre1ccc(I)cc1.C=Cc1cnccl1>>Bre1ccc(/C=C/c2cnccl2)cc1
C=CC(=O)OC(C)(C)C.Oc1ccc(C(=C2CCCC2)c2ccc(Br)cc2Cl)cc1>>CC(C)(C)OC(=O)/C=C/c1ccc(
C(=C2CCCC2)c2ccc(O)cc2)c(Cl)c1
Bre1ccc(I)cc1.C=C1C(=O)O[C@@H]2CC(C)=C([C@@H](C)CCOC(C)=O)[C@@H](OC(C)=O)[C
@H]12>>CC(=O)OCCC[C@H](C)C1=C(C)C[C@H]2OC(=O)/C(=C/c3ccc(Br)cc3)[C@H]2[C@@H]
1OC(C)=O
C=CC(=O)OC(C)(C)C.O=c1oc2cc(O)cc(F)c2c(Cc2ccc(Br)cc2)c1Cl>>CC(C)(C)OC(=O)/C=C/c1ccc(C
c2c(Cl)c(=O)oc3cc(O)cc(F)c23)cc1
C=C.NC(=O)c1ccc(Cl)cc1Br>>C=Cc1cc(Cl)cc1C(N)=O
C=Cc1ccc(N(C)C(=O)OC(C)(C)C)cc1.FCCOCCOCCOc1ncc(I)cc1Br>>CN(C(=O)OC(C)(C)C)c1ccc/
C=C/c2nc(OCOCCOCCCF)c(Br)c2)cc1
C=CC(=O)OCC.O=Cc1c(F)cc(Br)cc1Cl>>CCOC(=O)/C=C/c1cc(F)c(C=O)c(Cl)c1

347 Br1cccc1I.C=Cc1cccc2cc1>>Br1cccc1/C=C/c1cccc2cc1
348 C=CCN1C(=O)C(=O)c2cccc21.FC(F)(F)c1cc(Br)ccc1Cl>>O=C1C(=O)N(C/C=C/c2ccc(Cl)c(C(F)(F)
349 F)c2)c2cccc21
C=Cc1ccncc1.CC(C)(C)OC(=O)N[C@H](COc1cc(Br)cnc1Cl)Cc1c[nH]c2cccc12>>CC(C)(C)OC(=O)
350)N[C@H](COc1cc(/C=C/c2ccncc2)cnc1Cl)Cc1c[nH]c2cccc12
351 C=CC(C)=O.Nc1cc(Br)ncc1I>>CC(=O)/C=C/c1cnc(Br)cc1N
352 C=COCCCC.O=c1cc(Br)c2cc(Cl)ccc2o1>>CCCCO/C=C/c1cc(=O)oc2ccc(Cl)cc12
353 C=CC(=O)OCC.FC(F)(F)c1cc(I)ccc1Br>>CCOC(=O)/C=C/c1ccc(Br)c(C(F)(F)F)c1
354 C=CC(=O)OCC.Cc1nnc(Cc2cc(Cl)ccc2Br)o1>>CCOC(=O)/C=C/c1ccc(Cl)cc1Cc1nnc(C)o1
355 C=CC(F)(F)F.Clc1cccc1Br>>FC(F)(F)/C=C/c1cccc1Cl
C=CC(=O)OC(C)(C)C.CN(C)c1ccc(CNC(=O)c2cc(Br)cc(I)c2)cc1>>CN(C)c1ccc(CNC(=O)c2cc(Br)cc
356 (/C=C/C(=O)OC(C)(C)C)c2)cc1
C=Cc1ccc(N2CCN(C(=O)OC(C)(C)C)CC2)cc1.Clc1cc(Br)cc(-
357 c2ccncc2)c1>>CC(C)(C)OC(=O)N1CCN(c2ccc(/C=C/c3cc(Cl)cc(-c4ccncc4)c3)cc2)CC1
C=C/C=C/C(=O)N(CCCC)CCCC.Clc1ccc(Br)cc1>>CCCCN(CCCC)C(=O)/C=C/C=C/c1ccc(Cl)cc1
358 C=CC(=O)OC.COc1ccc2c(c1)CCN(c1ccc(CCC(C)C)c(Cl)c1)C2(C)c1ccc(Br)cc1>>COC(=O)/C=C/c1
ccc(C2(C)c3ccc(OC)cc3CCN2c2ccc(CCC(C)C)c(Cl)c2)cc1
359 C=CCN1C(=O)c2cccc2C1=O.Clc1ccc(Br)cc1>>O=C1c2cccc2C(=O)N1C/C=C/c1ccc(Cl)cc1
360 C=CC(=O)OC.COc1ccc(Br)cc1Cl>>COC(=O)/C=C/c1ccc(OC)c(Cl)c1
361 Br1cccc1I.C=CP(=O)(OCC)OCC>>CCOP(=O)/C=C/c1cccc1Br)OCC
362 C=CC(=O)OCC.CCOC(=O)N1CCc2cc(Br)c(N)c(Cl)c2CC1>>CCOC(=O)/C=C/c1cc2c(c(Cl)c1N)CCN
(C(=O)OCC)CC2
363 C=CC(=O)OCC.COc1ccc(Cl)cc1-c1c(Br)c(=O)[nH]c2ccc(C(F)(F)F)cc12>>CCOC(=O)/C=C/c1c(-
c2cc(Cl)ccc2OC)c2cc(C(F)(F)F)ccc2[nH]c1=O
364 C=CC(=O)OCC.Oc1ccc(C(=C2CCCCC2)c2ccc(Br)cc2)cc1Cl>>CCOC(=O)/C=C/c1ccc(C(=C2CCC
CCC2)c2ccc(O)c(Cl)c2)cc1
365 Br1ccc(I)cc1.C=Cc1ccc(OCC)cc1>>CCOc1ccc(/C=C/c2ccc(Br)cc2)cc1
366 Br1ccc(I)cc1.C=CS(=O)(=O)F>>O=S(=O)(F)/C=C/c1ccc(Br)cc1
C=CC(C)(C)C(=O)NC(C)(C)CO.CC(=O)OC[C@H]1O[C@@H](c2cc(Cc3ccc(Br)cc3Cl)c(C)cc2C)[C
367 @H](OC(C)=O)[C@@H](OC(C)=O)[C@@H]1OC(C)=O>>CC(=O)OC[C@H]1O[C@@H](c2cc(Cc3
ccc(/C=C/C(C)(C)C(=O)NC(C)(C)CO)cc3Cl)c(C)cc2C)[C@H](OC(C)=O)[C@@H](OC(C)=O)[C@@
368 C=Cc1ccncc1.CC(C)(C)OC(=O)N[C@H](COc1cnc(Cl)c(Br)c1)Cc1cccc1>>CC(C)(C)OC(=O)N[C@
H](COc1cnc(Cl)c(/C=C/c2ccncc2)c1)Cc1cccc1
369 C=Cc1ccncc1.C[C@@H](COc1cnc(Cl)c(Br)c1)NC(=O)OC(C)(C)C>>C[C@@H](COc1cnc(Cl)c(/C=C/
/c2ccncc2)c1)NC(=O)OC(C)(C)C
370 C=CCN(CC1=C(Br)CCCC1)c1ccc(Cl)cc1>>C=C1CN(c2ccc(Cl)cc2)CC2=C1CCCCC2
371 C=CCN(CCI)S(=O)(=O)c1cccc1Br>>C=C1CCN(S(=O)(=O)c2cccc2Br)C1
372 Br1cccc1I.C=C1CC(c2ccc(C)cc2)OC1=O>>Cc1ccc(C2C/C(=C)c3ccccc3Br)C(=O)O2)cc1
373 Br1ccc(I)cc1.C=Cc1ccc(C)cc1>>Cc1ccc(/C=C/c2ccc(Br)cc2)cc1
374 C=C/C=C/C(=O)N(CCCC)CCCC.Clc1cccc(Br)c1>>CCCCN(CCCC)C(=O)/C=C/C=C/c1cccc(Cl)c1
375 C=CC(=O)OC.Clc1ccc(Br)cc1>>COC(=O)/C=C/c1ccc(Cl)cc1
376 C=CC(=O)OCC.O=c1c(Br)c(-c2ccc(Cl)cc2)oc2cccc12>>CCOC(=O)/C=C/c1c(-
c2ccc(Cl)cc2)oc2cccc2c1=O
377 C=Cc1ccc(NC)cc1.OCCOc1ncc(I)cc1Br>>CNc1ccc(/C=C/c2cnc(OCCO)c(Br)c2)cc1
378 C=CC(OCC(=C)Br)c1cccc(Cl)c1>>C=C1COC(c2cccc(Cl)c2)C1=C
379 Br1cccc(I)c1.C=CC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F>>FC(F)(F)C(F)(F)C(F)(F)C(F)(F)
C(F)(F)C(F)(F)/C=C/c1cccc(Br)c1
380 C=CC(=O)OC(C)(C)C.Cc1ccc(CNC(=O)c2cc(Br)cc(I)c2)cc1>>Cc1ccc(CNC(=O)c2cc(Br)cc(/C=C/C(
=O)OC(C)(C)C)c2)cc1
381 Br1cccc1I.C=CC(N)=O>>NC(=O)/C=C/c1cccc1Br
382 C=CC(=O)OCC.Cc1nnn(Cc2cc(Cl)ccc2Br)n1>>CCOC(=O)/C=C/c1ccc(Cl)cc1Cn1nnc(C)n1
383 C=CC(=O)Nc1cccc1NC(=O)OC(C)(C)O=C(Nc1ccc(Cl)cc1)[C@H]1CN(CC(F)F)C[C@@H]1c1ccc
(Br)cc1>>CC(C)(C)OC(=O)Nc1cccc1NC(=O)/C=C/c1ccc([C@H]2CN(CC(F)F)C[C@@H]2C(=O)Nc
2ccc(Cl)cc2)cc1
384 C=CC(=O)OC.O=Cc1c(F)cc(Br)cc1Cl>>COC(=O)/C=C/c1cc(F)c(C=O)c(Cl)c1
385 C=CC(=O)OCC.Clc1cccc(Br)c1>>CCOC(=O)/C=C/c1cccc(Cl)c1
386 C=CC(=O)OCCCC.Cn1nc(Br)c2cccc(Cl)c21>>CCCCOC(=O)/C=C/c1nn(C)c2c(Cl)cccc12
C=CC(=O)OCCCC.O=C(Cc1c(-
387 c2cccc(Br)c2)c2cc(CN3CCN(c4ccccc4)CC3)c(Cl)cc2oc1=O)Nc1ccc(F)cc1C(F)(F)F>>CCCCOC(=O)/
C=C/c1cccc(-c2c(CC(=O)Nc3ccc(F)cc3C(F)(F)F)c(=O)oc3cc(Cl)c(CN4CCN(c5ccccc5)CC4)cc23)c1
388 Br1cccc(I)c1.C=CC(=O)OCC>>CCOC(=O)/C=C/c1cccc(Br)c1

389 C=Cc1cccc(Nc2nc(Nc3ccc(N4CCN(C)CC4)c(Br)c3)ncc2Cl)c1>>CN1CCN(c2ccc3cc2/C=C\c2cccc(c2)Nc2nc(ncc2Cl)N3)CC1
 390 C=Cc1cc(Nc2ncc(Cl)c(Nc3cc(Br)ccc3C(=O)OC)n2)ccc1N1CCN(C)CC1>>COC(=O)c1ccc2cc1Nc1nc(ncc1Cl)Nc1ccc(N3CCN(C)CC3)c(c1)/C=C\2
 391 C=CCN(CC1=C(Br)CCc2ccccc21)c1ccc(Cl)cc1>>C=C1CN(c2ccc(Cl)cc2)CC2=C1CCc1ccccc12
 392 C=Cc1cnccl.CC(C)(C)OC(=O)N[C@H](COc1enc(Cl)c(Br)c1)Cc1c[nH]c2ccccc12>>CC(C)(C)OC(=O)N[C@H](COc1enc(Cl)c(/C=C/c2cnccl2)c1)Cc1c[nH]c2ccccc12
 393 C=Cc1ccc(OC)cc1.COC(=O)Cn1c(=O)c(Cl)nc2cc(Br)cnc21>>COC(=O)Cn1c(=O)c(/C=C/c2ccc(OC)c2)nc2cc(Br)cnc21
 394 C=Cc1cccn1.Clc1ccc(COc2ccccc2)c(Br)c1>>Clc1ccc(COc2ccccc2)c(/C=C/c2cccn2)c1
 395 C=CCCO.Clc1nc(Oc2ccccc2)c2cc(Br)cn2n1>>OCC/C=C/c1cc2c(Oc3ccccc3)nc(Cl)nn2c1
 396 C=CC(=O)OCCCC.Clc1ccccc1Br>>CCCCOC(=O)/C=C/c1ccccc1Cl
 397 C=CC(=O)O.FC(F)(F)c1ccc(I)c(Br)c1>>O=C(O)/C=C/c1ccc(C(F)(F)F)cc1Br
 398 C=CC(=O)OC.Clc1cncc(Br)c1>>COC(=O)/C=C/c1cncc(Cl)c1
 399 C=CN1C(=O)c2ccccc2C1=O.OC(c1ccc(Cl)cc1)c1ncccl1Br>>O=C1c2ccccc2C(=O)N1/C=C/c1cccnlC(O)c1ccc(Cl)cc1
 400 C=Cc1ccc(OC)c(Nc2nc(Nc3ccc(N4CCOCC4)c(Br)c3)ncc2Cl)c1>>COc1ccc2cc1Nc1nc(ncc1Cl)Nc1cc(N3CCOCC3)c(c1)/C=C\2
 401 C=CC(=O)OC.Nc1cc(Cl)ccc1Br>>COC(=O)/C=C/c1ccc(Cl)cc1N
 402 C=CC(=O)OC.COc1ccc2cc(Br)ccc2c1Cl>>COC(=O)/C=C/c1ccc2c(Cl)c(OC)ccc2c1
 403 C=CC(=O)OC.Cc1ccc(Cl)c(Br)c1>>COC(=O)/C=C/c1cc(C)ccc1Cl
 404 C=COCCCC.O=C(Cl)c1ccc(Br)cc1>>CCCCO/C=C/C(=O)c1ccc(Br)cc1
 405 C=CC(=O)OC.CCCc1ccc(N2CCc3cc(OC)ccc3C2(C)c2ccc(Br)cc2)cc1Cl>>CCCc1ccc(N2CCc3cc(OC)ccc3C2(C)c2ccc(/C=C/C(=O)OC)cc2)cc1Cl
 406 C=CC[C@H](C)N(C)C(=O)OC(C)(C)C.O=C(CCC(F)(F)F)N1CC[C@H](Oc2cc(Br)cnc2Cl)C1>>C[C@H](C/C=C/c1cnc(Cl)c(O[C@H]2CCN(C(=O)CCC(F)(F)F)C2)c1)N(C)C(=O)OC(C)(C)C
 407 C=Cc1ccc(-c2ccnc(N)n2)s1.Clc1cccc2sc(Br)nc12>>Nc1nccc(-c2ccc(/C=C/c3nc4c(Cl)cccc4s3)s2)n1
 408 C=CC(C)(C)Nc1nc(Cl)ncc1Br>>C=C1c2cnc(Cl)nc2NC1(C)C