1,4-H shift
k(280K)= 1.3x10^-2 s^-1 R=H
8.4x10^-2 s^-1 R=C2H5
+O2
k(280K)~10^7 s^-1
1,6-H shift
k(280K)= 5.4x10^3 s^-1 R=H
2.6x10^3 s^-1 R=C2H5
k(280K)= 8.5x10^4 s^-1 R=H
1.1x10^6 s^-1 R=C2H5
RCHO+CO+OH
R=H (ethanal-2-peroxy)
R=C2H5 (butanal-2-peroxy)