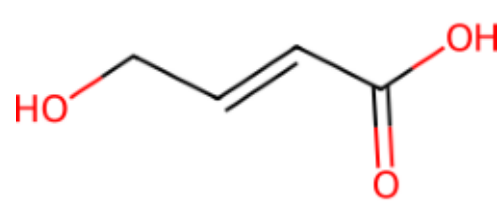
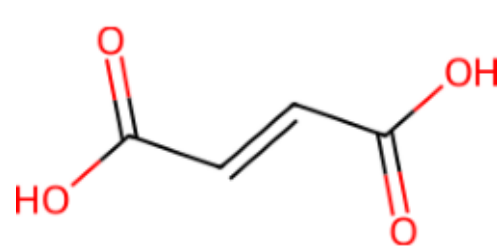


Rank 1
Atomic Economy 100.0%
Pathway by-product 0

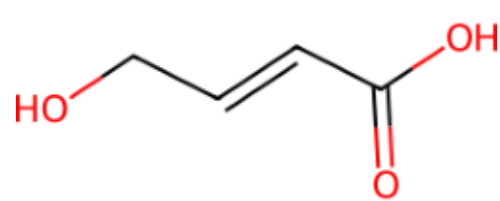


+NADP +NADP +WATER -NADPH -NADPH

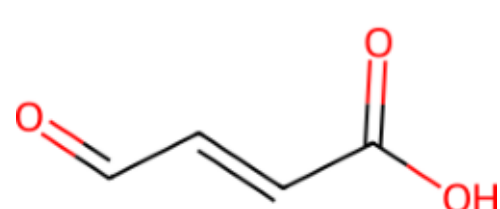
rule0165_2



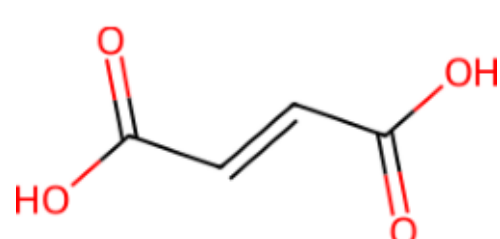
Rank 2
Atomic Economy 100.0%
Pathway by-product 0



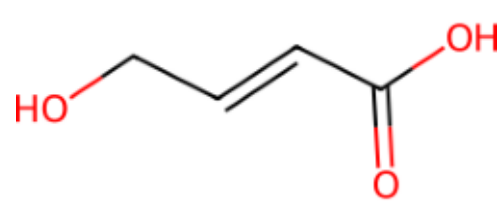
+O2 -HYDROGEN-PEROXIDE
rule0074_18



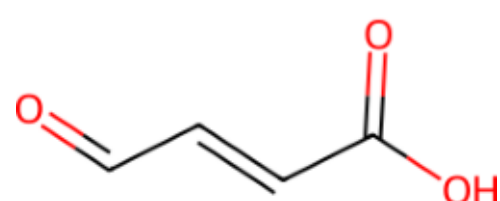
+WATER +O2 -HYDROGEN-PEROXIDE
rule0145_6



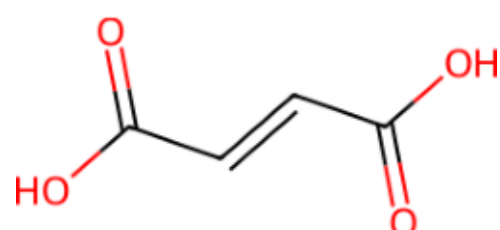
Rank 3
Atomic Economy 100.0%
Pathway by-product 0



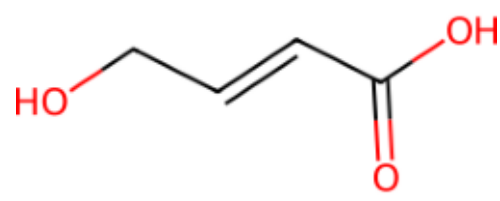
+NADP -NADPH
rule0002_139



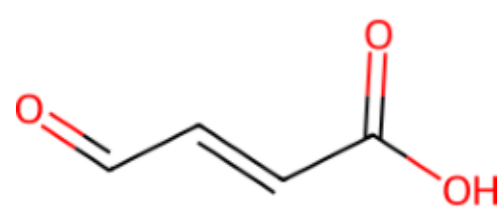
+WATER +O2 -HYDROGEN-PEROXIDE
rule0145_6



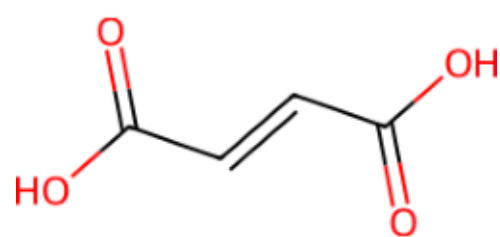
Rank 4
Atomic Economy 100.0%
Pathway by-product 0



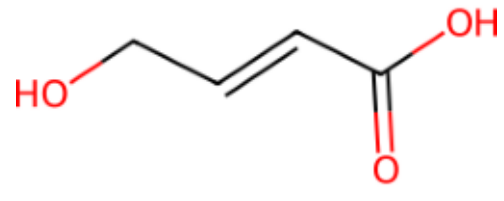
+O2 -HYDROGEN-PEROXIDE
rule0074_18



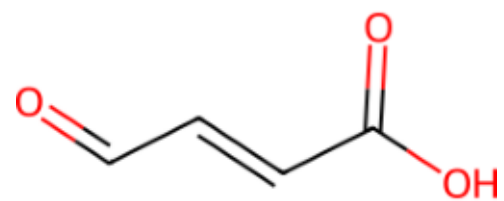
+NADP +WATER -NADPH
rule0026_16



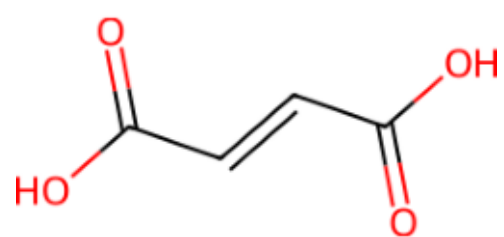
Rank 5
Atomic Economy 100.0%
Pathway by-product 0



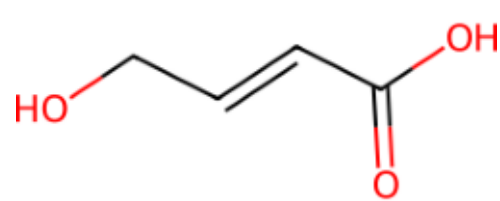
+NADP -NADPH
rule0002_139



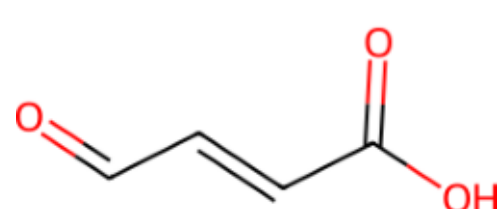
+NADP +WATER -NADPH
rule0026_16



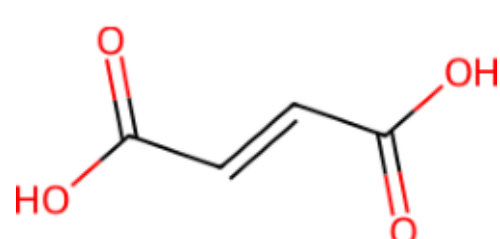
Rank 6
Atomic Economy 100.0%
Pathway by-product 0



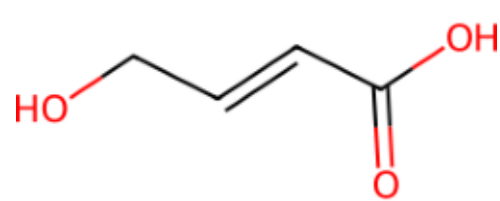
+O2 -HYDROGEN-PEROXIDE
rule0074_18



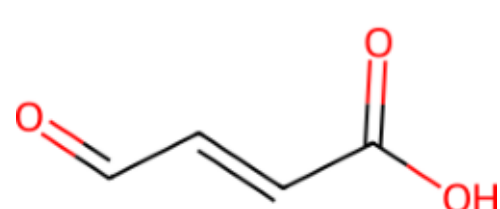
+NADPH +O2 -NADP -WATER
rule0004_13



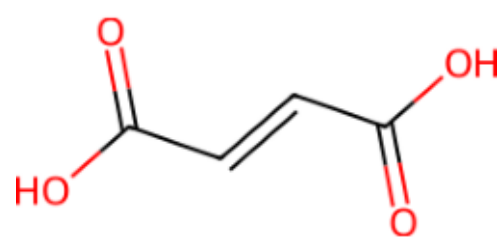
Rank 7
Atomic Economy 100.0%
Pathway by-product 0



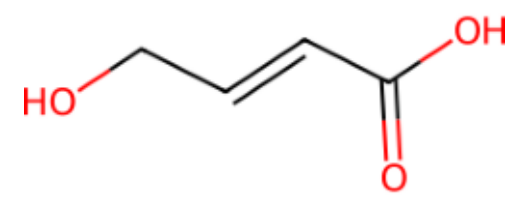
+NADP -NADPH
rule0002_139



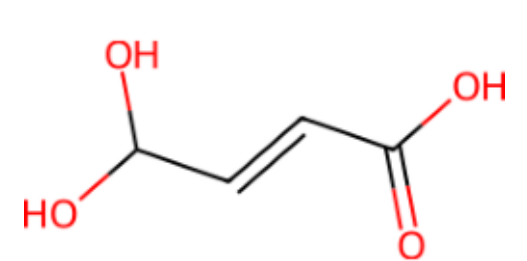
+NADPH +O2 -NADP -WATER
rule0004_13



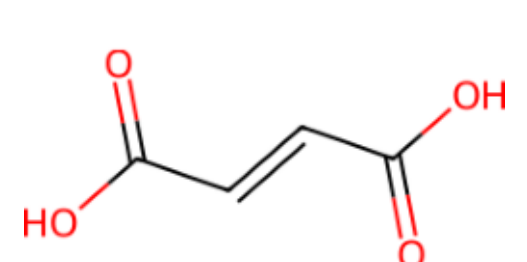
Rank 8
Atomic Economy 100.0%
Pathway by-product 0



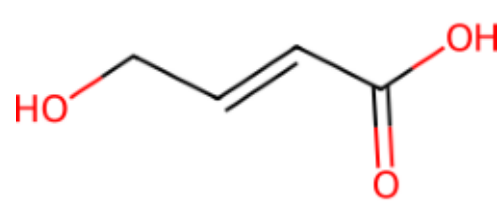
+NADPH +O2 -NADP -WATER
rule0004_13



+O2 -HYDROGEN-PEROXIDE
rule0074_18

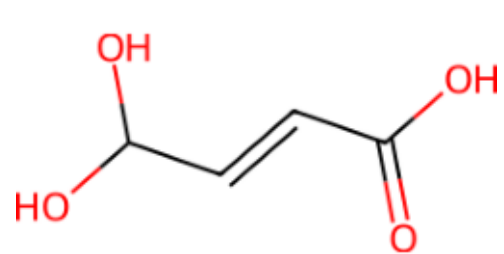


Rank 9
Atomic Economy 100.0%
Pathway by-product 0



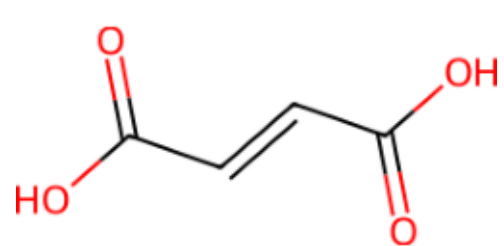
+NADPH +O2 -NADP -WATER

rule0004_13

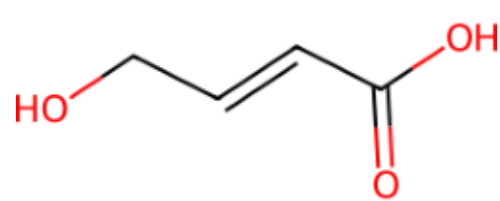


+NADP -NADPH

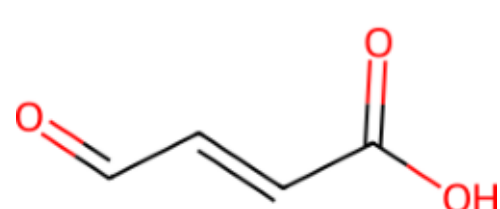
rule0002_139



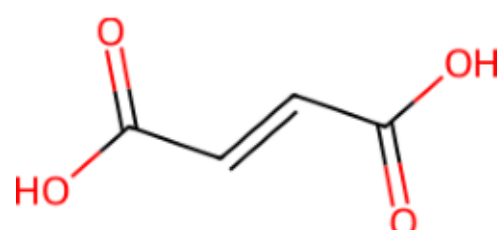
Rank 10
Atomic Economy 100.0%
Pathway by-product 0



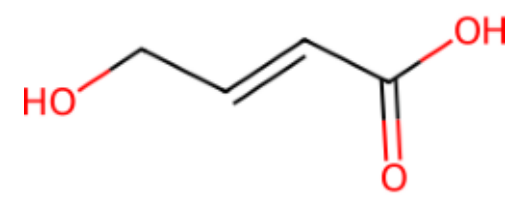
+ETR-Quinones -ETR-Quinols
rule0467_8



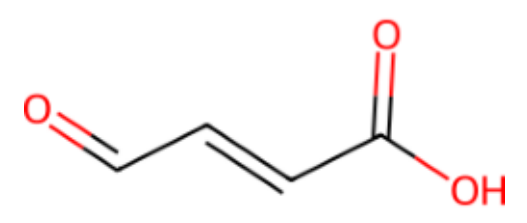
+WATER +O2 -HYDROGEN-PEROXIDE
rule0145_6



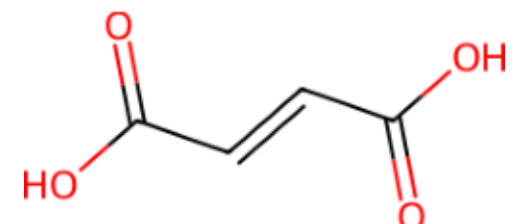
Rank 11
Atomic Economy 100.0%
Pathway by-product 0



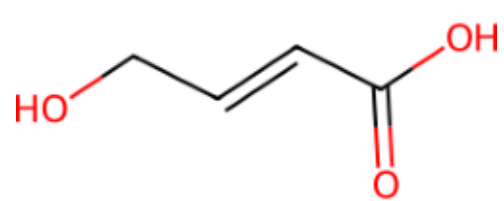
+ETR-Quinones -ETR-Quinols
rule0467_8



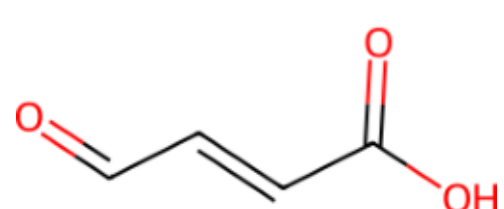
+NADP +WATER -NADPH
rule0026_16



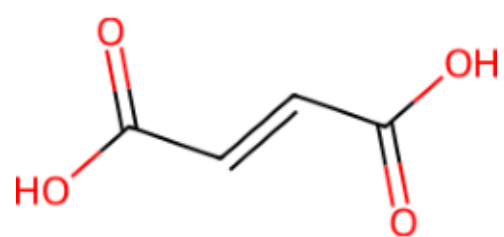
Rank 12
Atomic Economy 100.0%
Pathway by-product 0



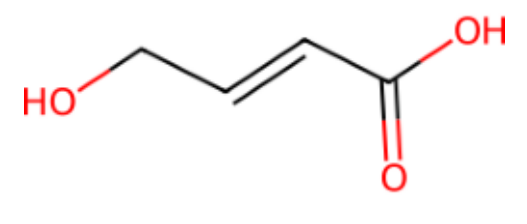
+ETR-Quinones -ETR-Quinols
rule0467_8



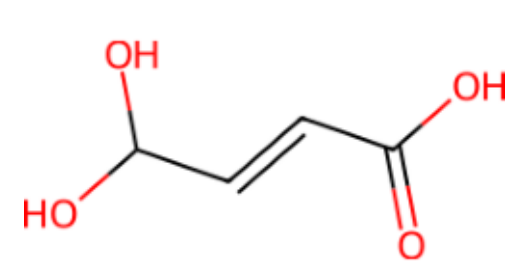
+NADPH +O2 -NADP -WATER
rule0004_13



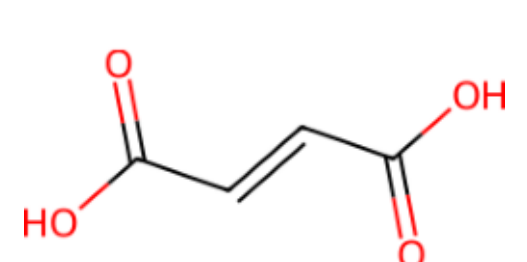
Rank 13
Atomic Economy 100.0%
Pathway by-product 0



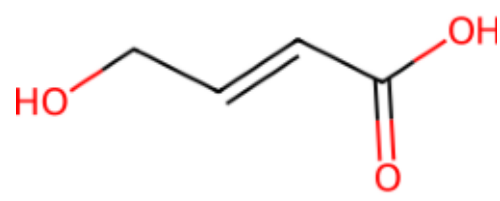
+NADPH +O2 -NADP -WATER
rule0004_13



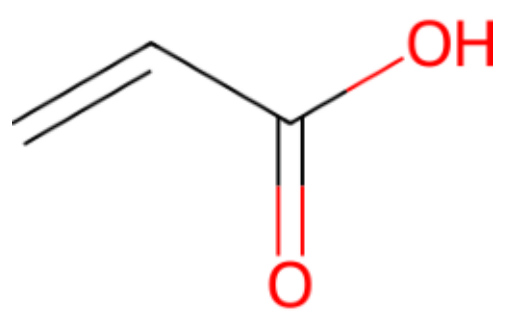
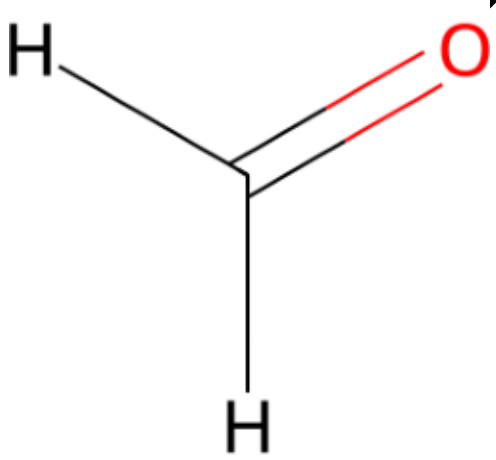
+ETR-Quinones -ETR-Quinols
rule0467_8



Rank 14
Atomic Economy 56.8%
Pathway by-product 0



rule0053_20



rule0126_2

