

Summary

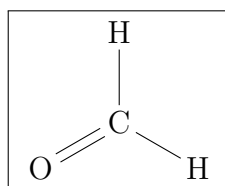
October 16, 2019

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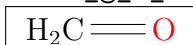
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0.1 Loaded Graphs

0.1.1 Formaldehyde

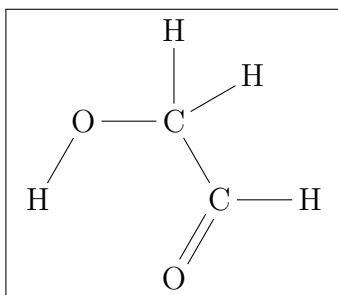


File: out/000_g_0_10300000

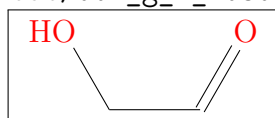


File: out/000_g_0_11310100

0.1.2 Glycolaldehyde



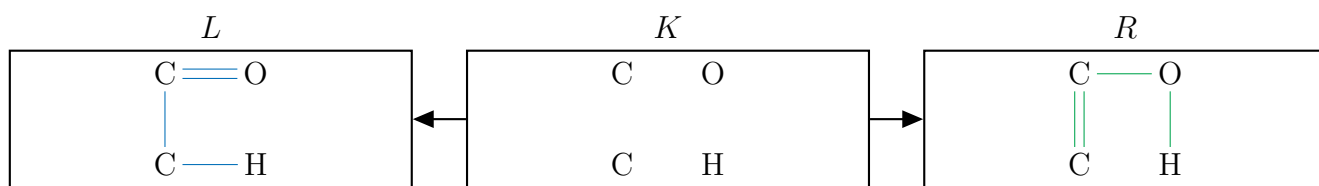
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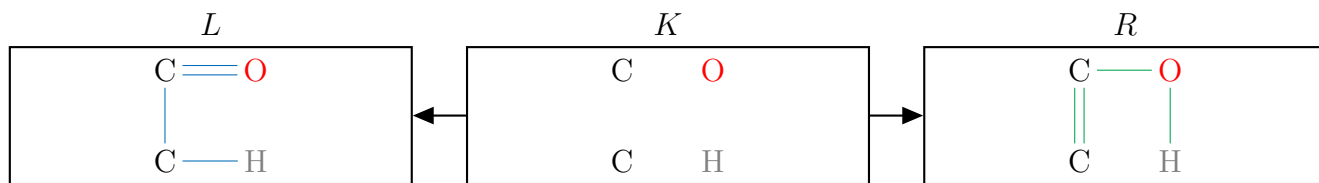
File: out/001_g_1_11310100

0.2 Loaded Rules

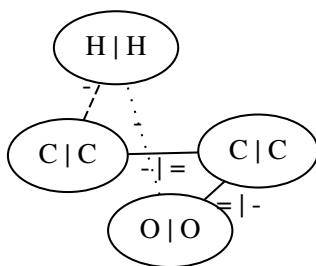
0.2.1 Keto-enol isomerization ->



Files: out/003_r_0_10300000_{L, K, R}



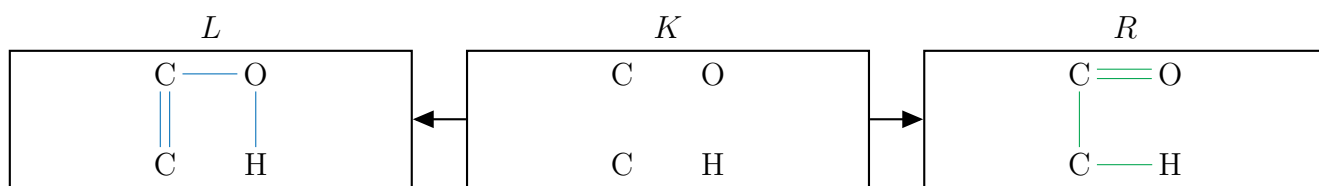
Files: out/004_r_0_11300100_{L, K, R}



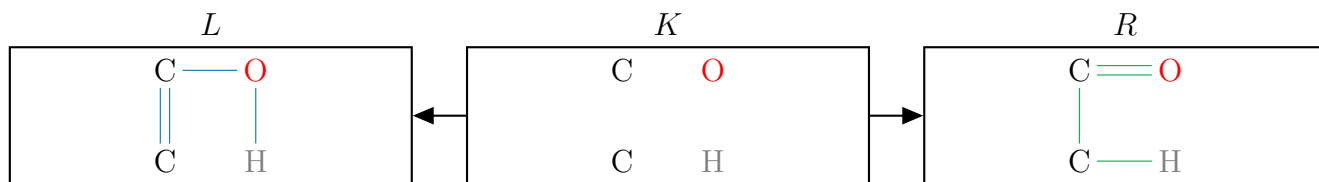
File: out/005_r_0_combined

$|\{e \in \text{outEdges}(1) \mid$
 $\text{label}(\text{target}(e)) \in \{\text{'O'}\}$
 $\}\mid = 1$

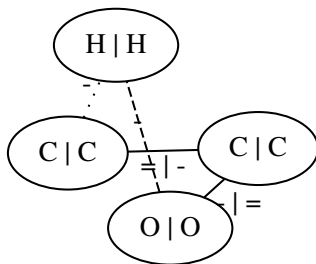
0.2.2 Keto-enol isomerization <-



Files: out/008_r_1_10300000_{L, K, R}



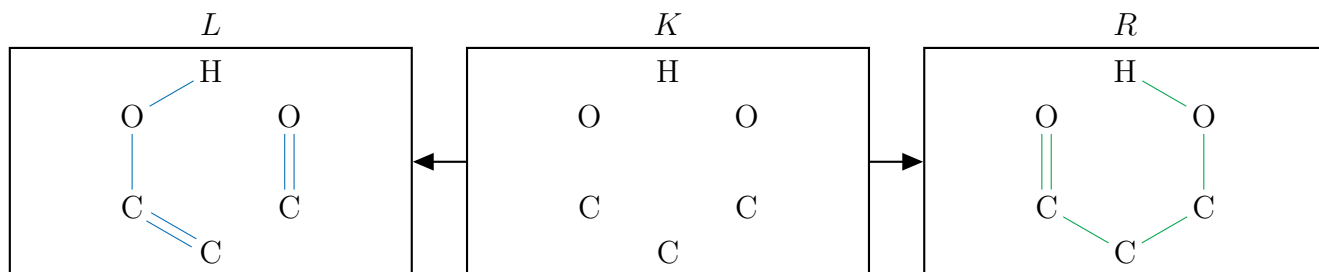
Files: out/009_r_1_11300100_{L, K, R}



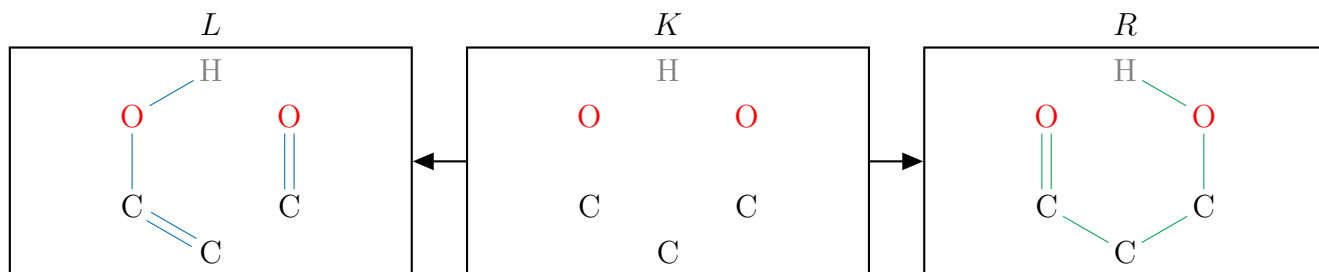
File: out/010_r_1_combined

$$|\{e \in \text{outEdges}(1) \mid \text{label}(\text{target}(e)) \in \{'0'\}\}| = 1$$

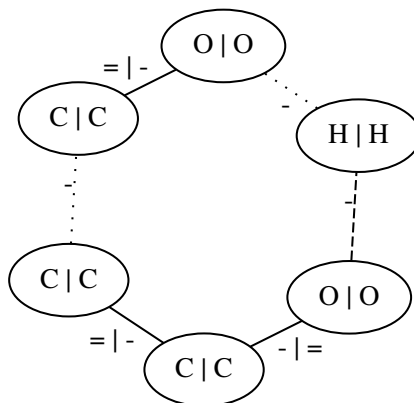
0.2.3 Aldol Addition ->



Files: out/013_r_2_10300000_{L, K, R}



Files: out/014_r_2_11300100_{L, K, R}

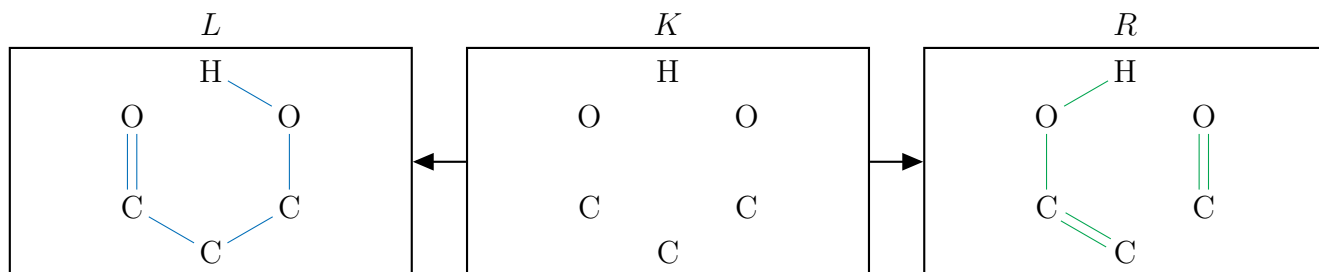


File: out/015_r_2_combined

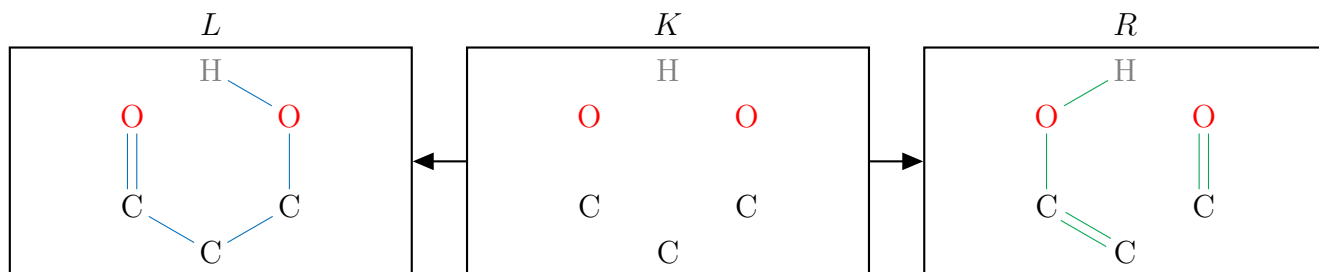
$$|\{e \in \text{outEdges}(1) \mid \text{label}(\text{target}(e)) \in \{'0'\}\}| = 1$$

$$|\{e \in \text{outEdges}(5) \mid \text{label}(\text{target}(e)) \in \{'0'\}\}| = 1$$

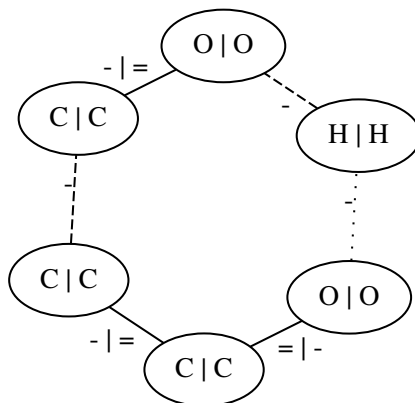
0.2.4 Aldol Addition <-



Files: out/018_r_3_10300000_{L, K, R}



Files: out/019_r_3_11300100_{L, K, R}

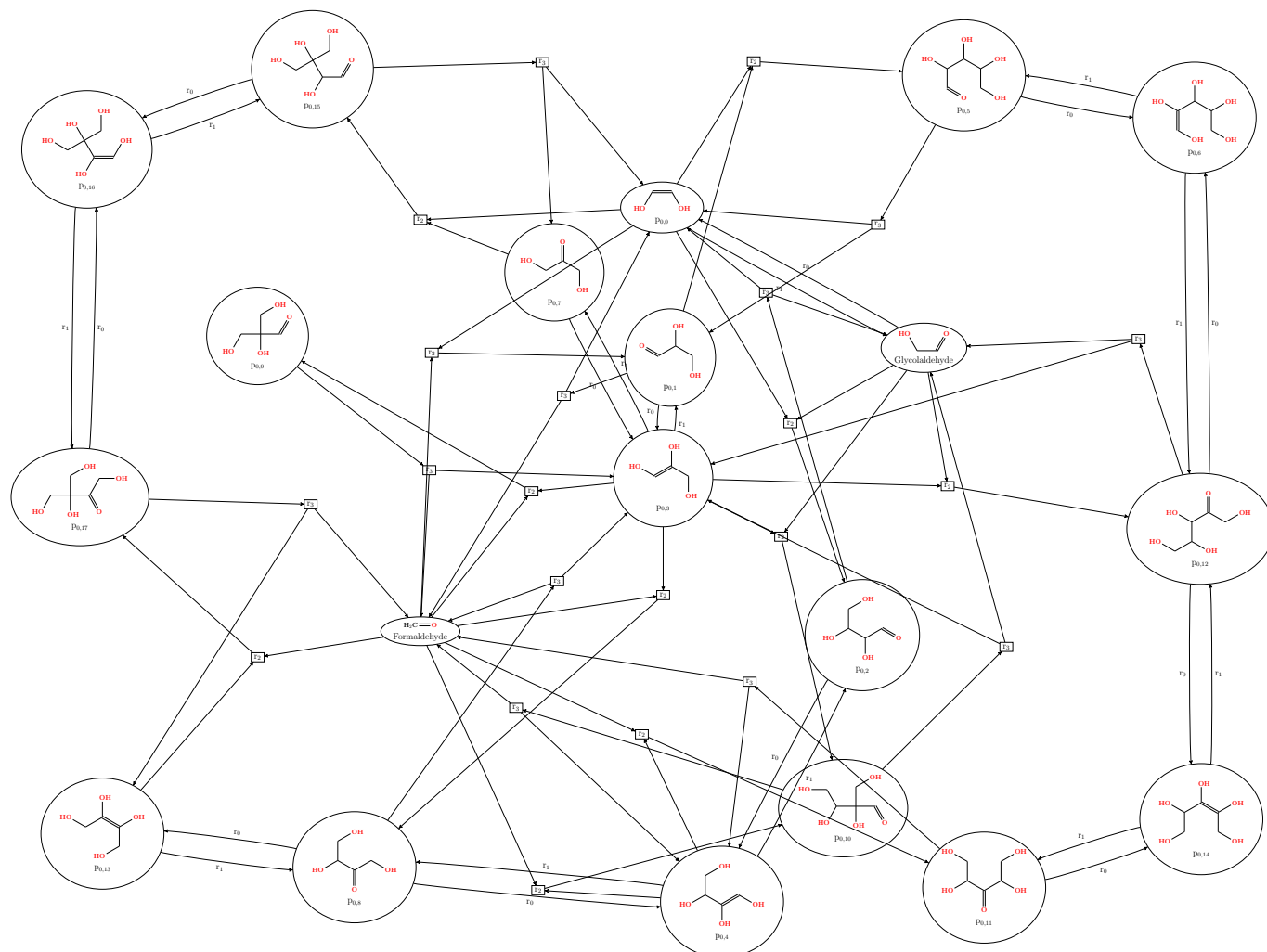


File: out/020_r_3_combined

$$|\{e \in \text{outEdges}(1) \mid \text{label}(\text{target}(e)) \in \{'0'\}\}| = 1$$

$$|\{e \in \text{outEdges}(5) \mid \text{label}(\text{target}(e)) \in \{ '0' \} \}| = 1$$

0.2.5 DG Hyper, dg_0



File: out/041_dg_0_11100

0.3 Flow Solutions, id 0

0.3.1 Solution 0

Overall Data

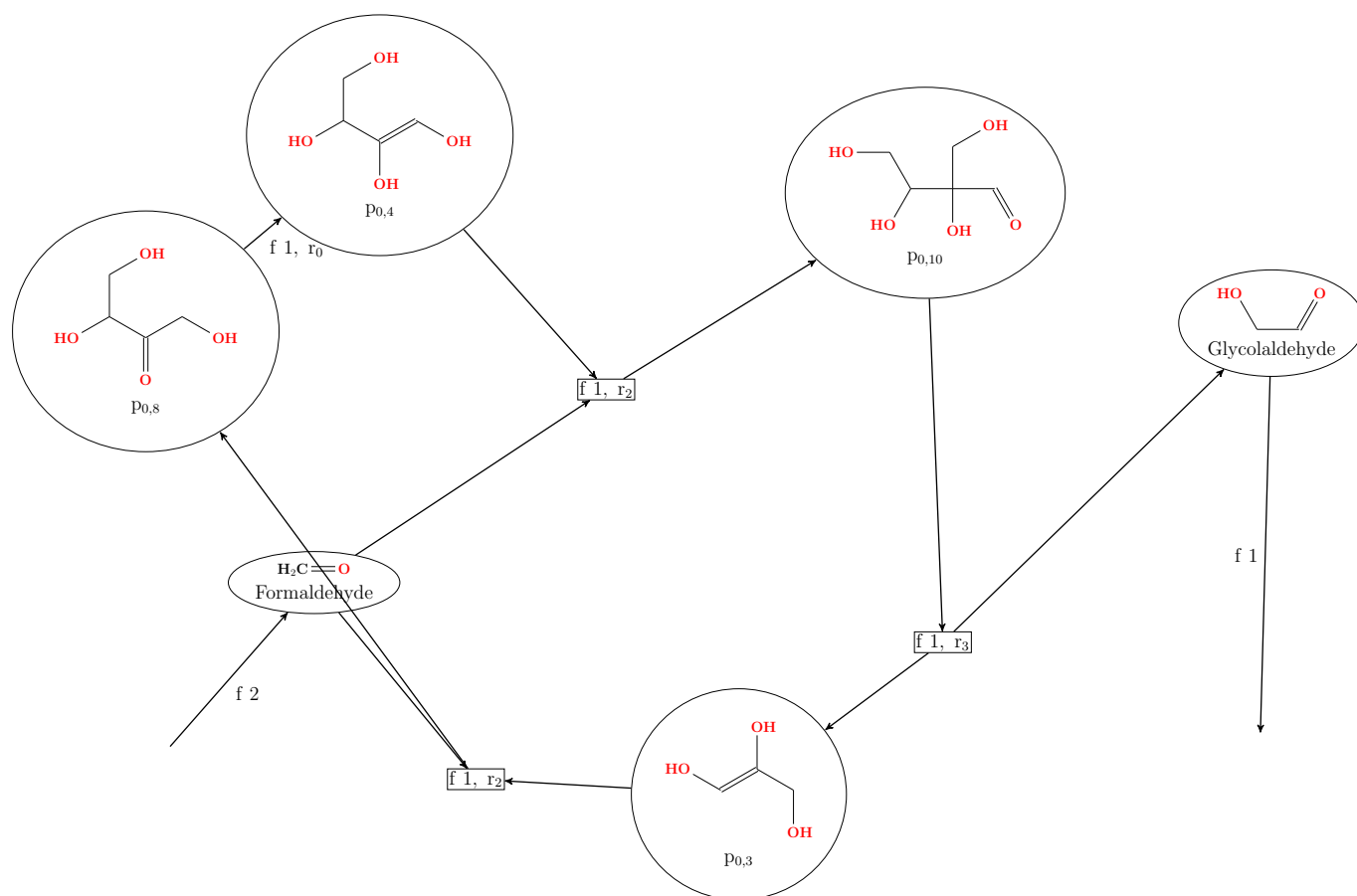
Solution 0 from flow model 0

Objective value: 6

Formaldehyde: inFlow = 2 outFlow = 0 isInCycle = false

Glycolaldehyde: inFlow = 0 outFlow = 1 isInCycle = false

Filtered Graph



File: out/045_dg_0_11100_f_0_0_filt

0.4 Flow Solutions, id 1

0.4.1 Solution 0

Overall Data

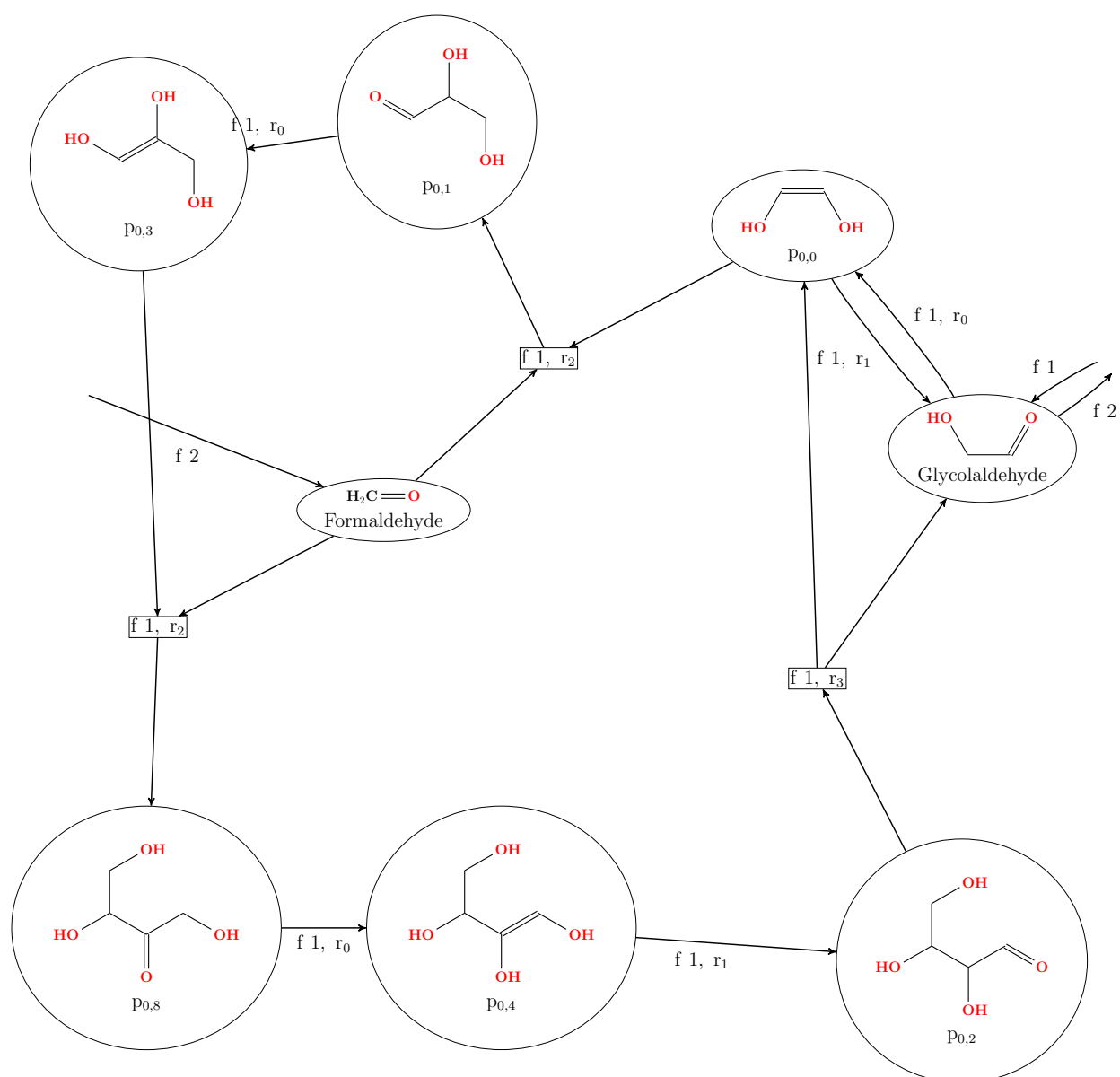
Solution 0 from flow model 1

Objective value: 12

Formaldehyde: inFlow = 2 outFlow = 0 isOverallAutocata = 0 isInCycle = false

Glycolaldehyde: inFlow = 1 outFlow = 2 isOverallAutocata = 1 isInCycle = true

Filtered Graph



File: out/049_dg_0_11100_f_1_0_filt