

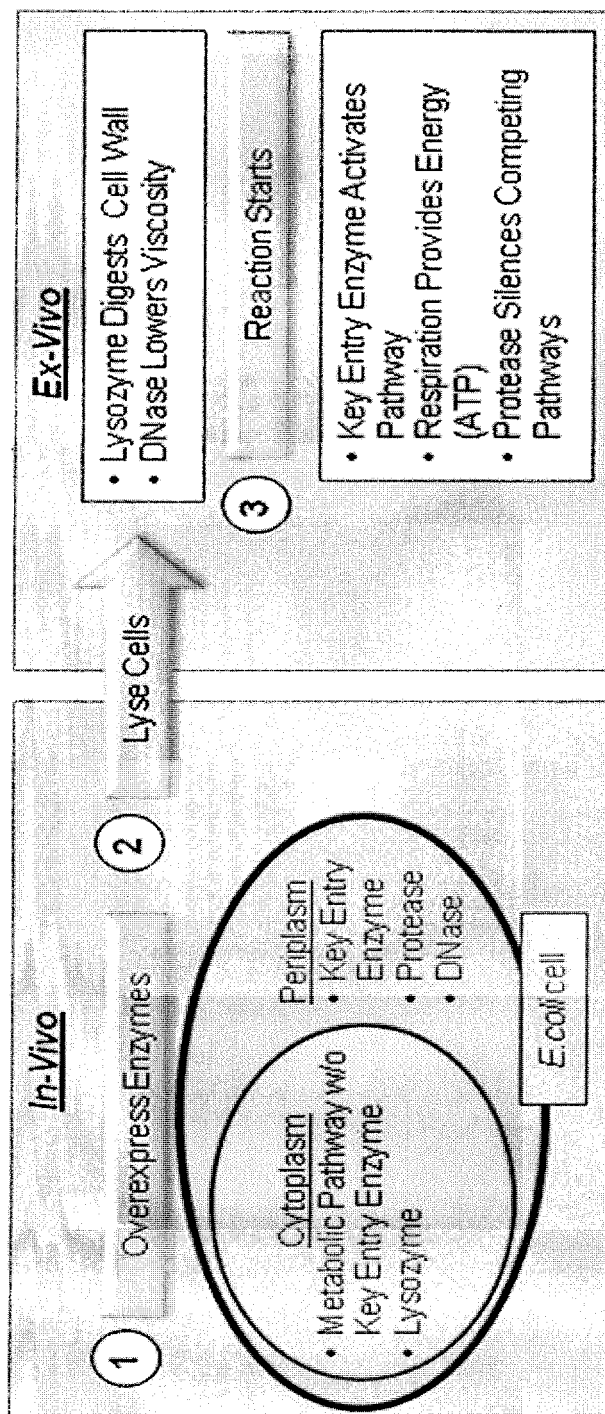


Figure 1

Figure 2A

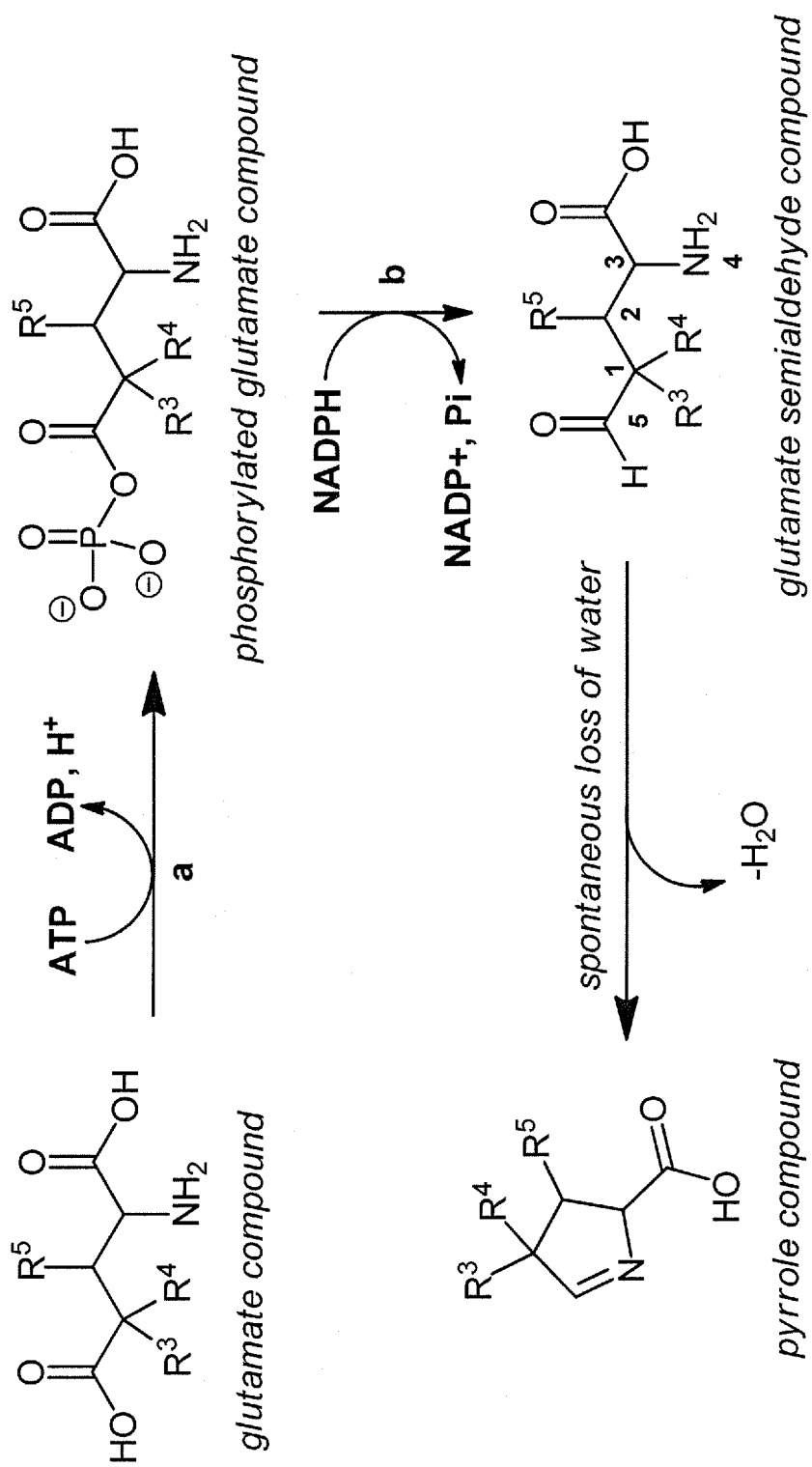
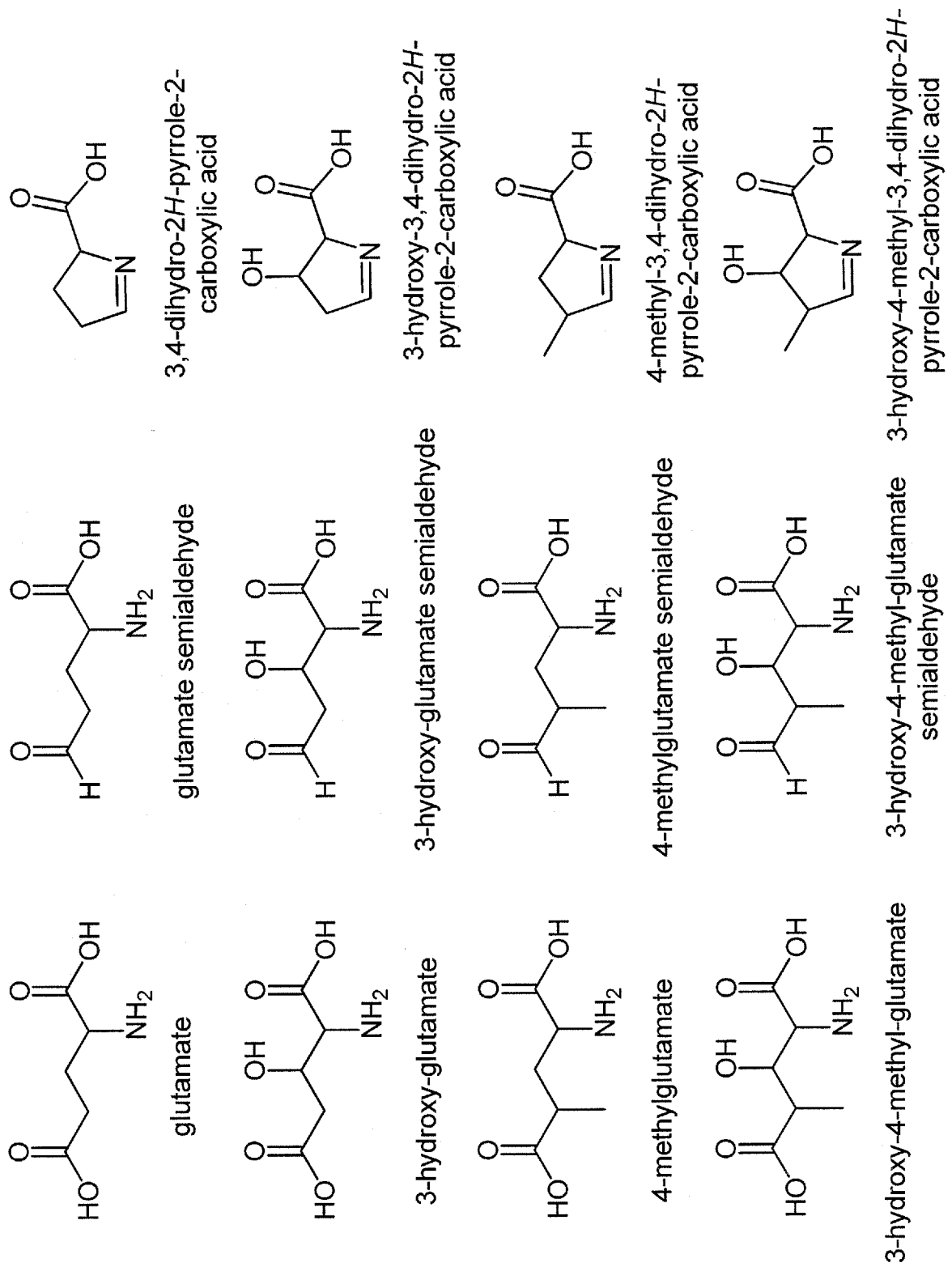


Figure 2B



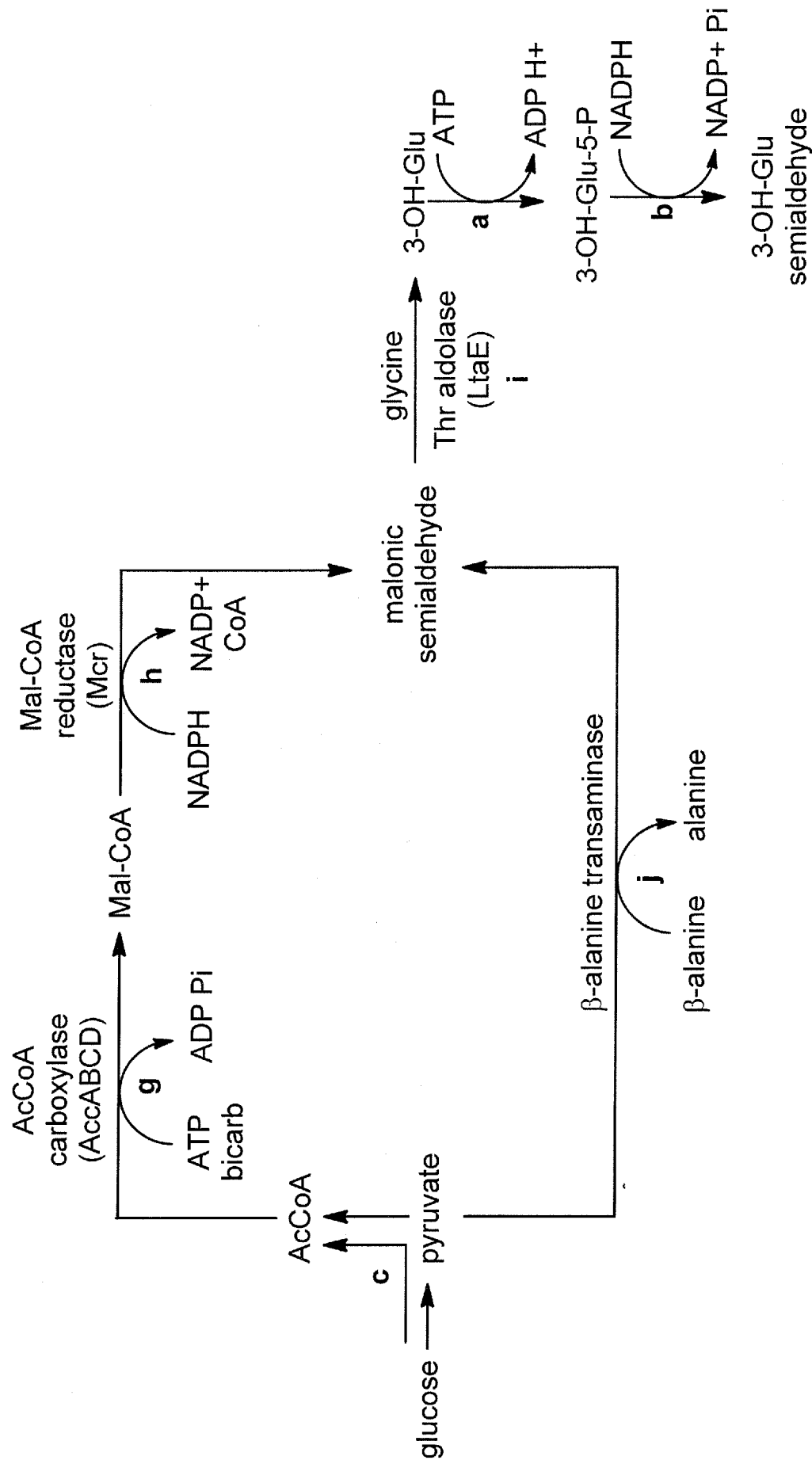


Figure 3

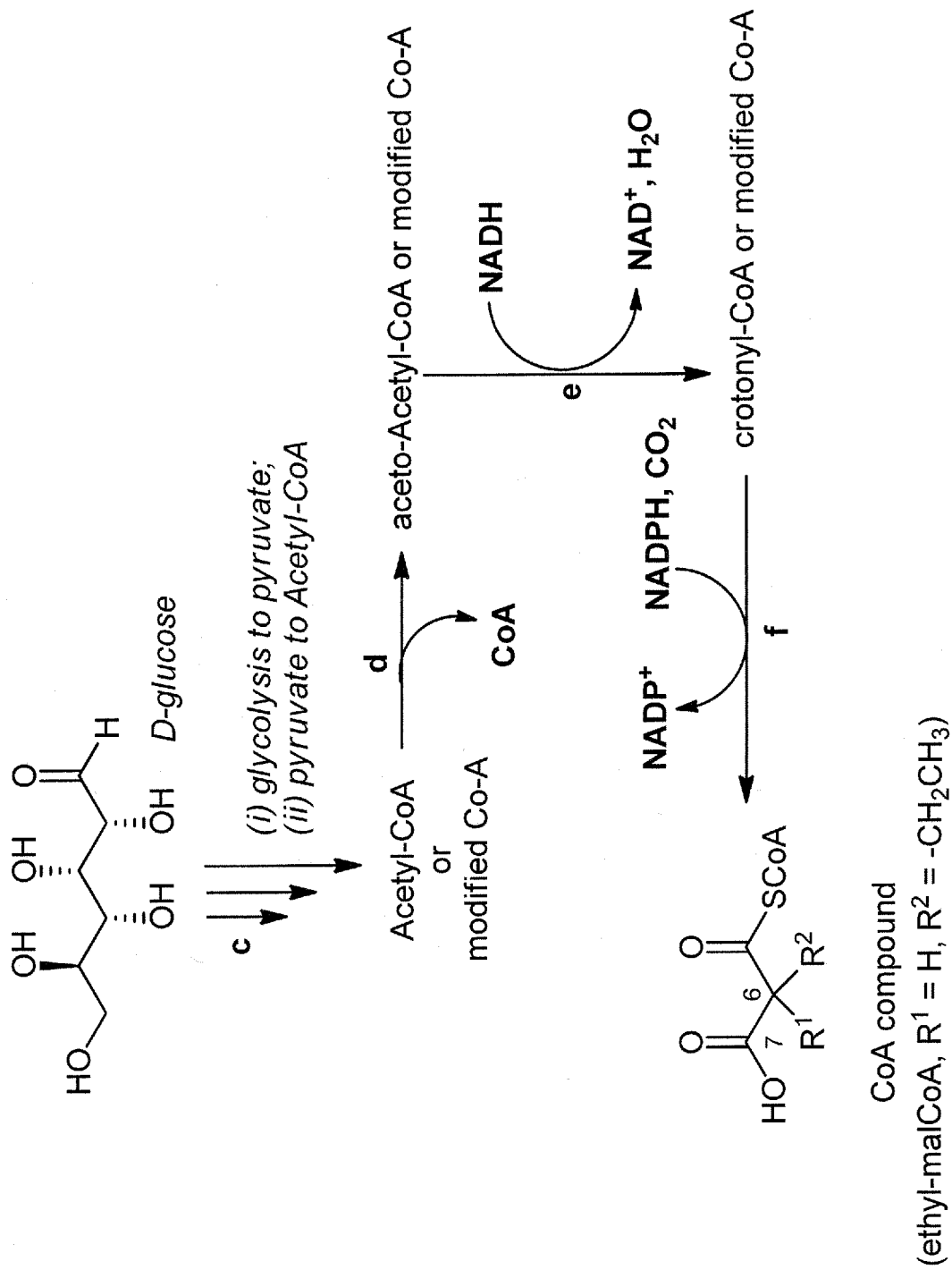


Figure 4

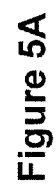
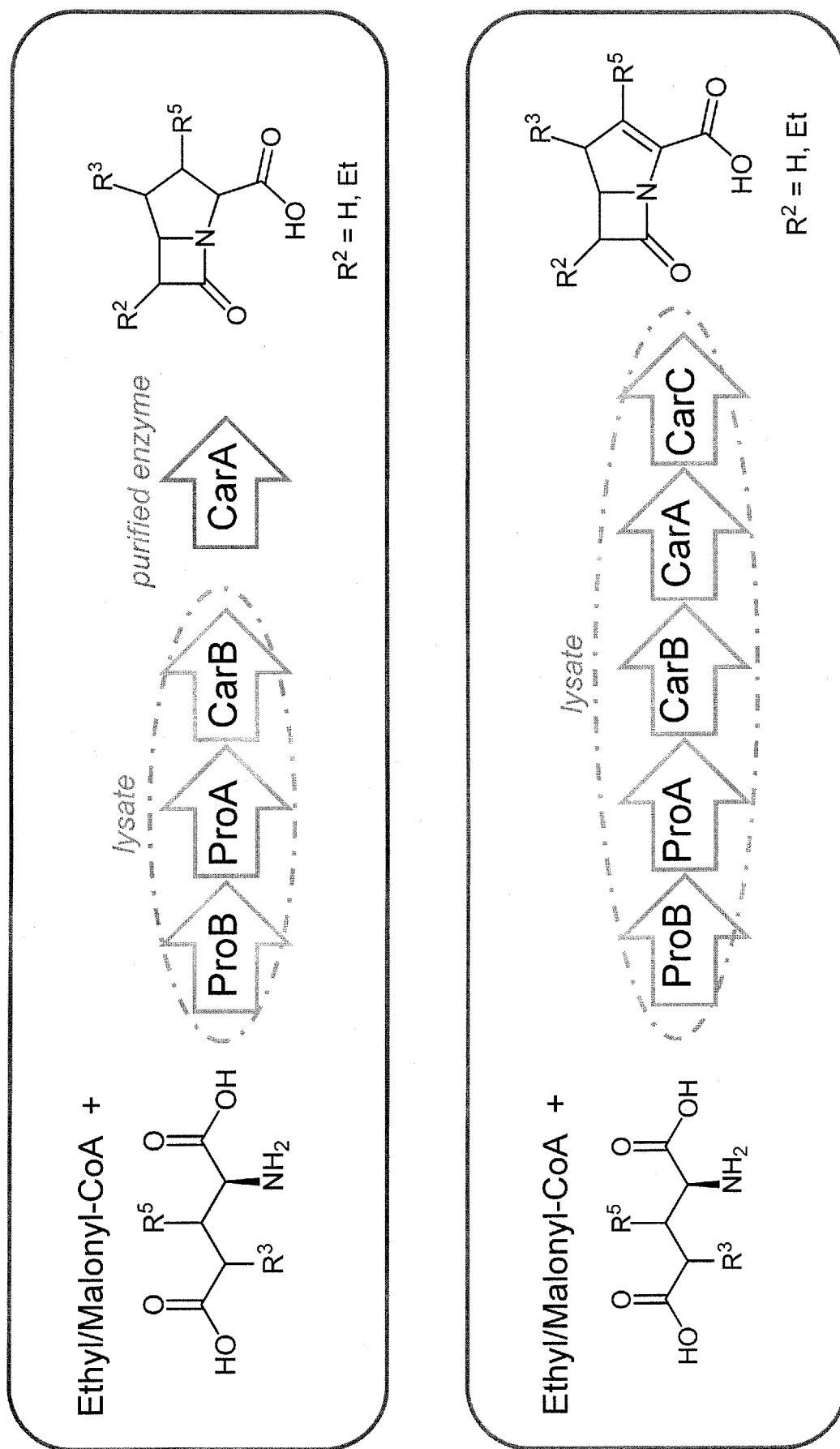


Figure 5B



Enzymatic attachment of ethyl side chain, R^1 , $R^2 = H$

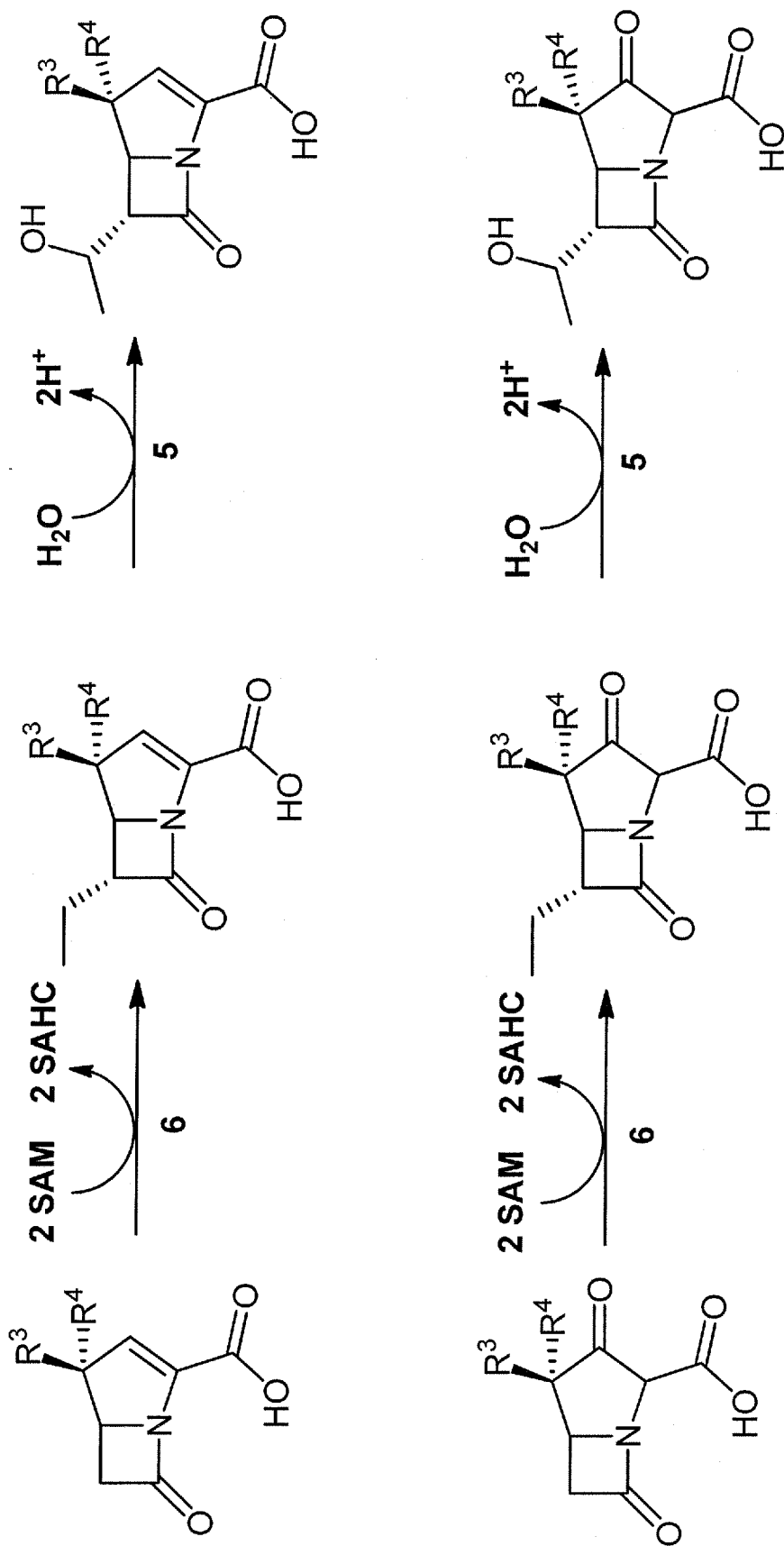
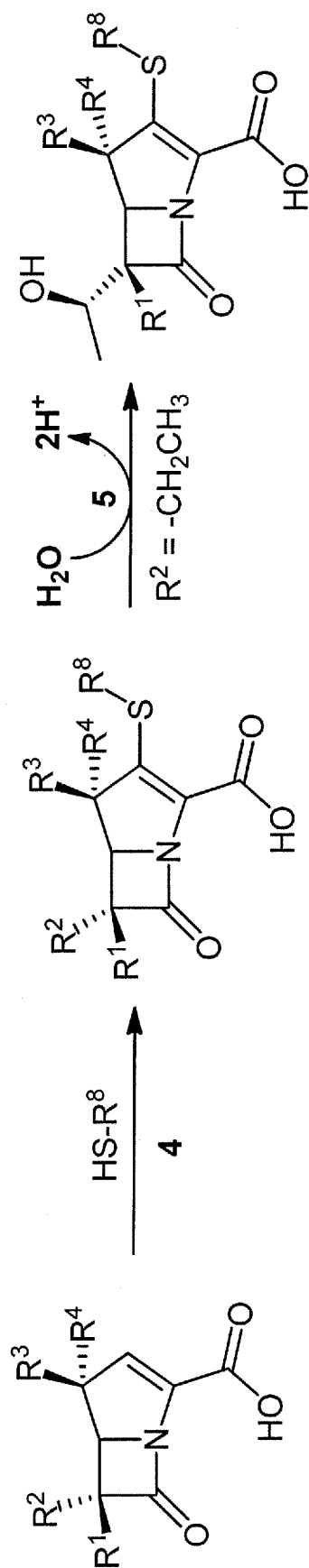


Figure 6A

Enzymatic attachment of the -SR⁸ side chain, R⁵ = H



HS-R⁸:

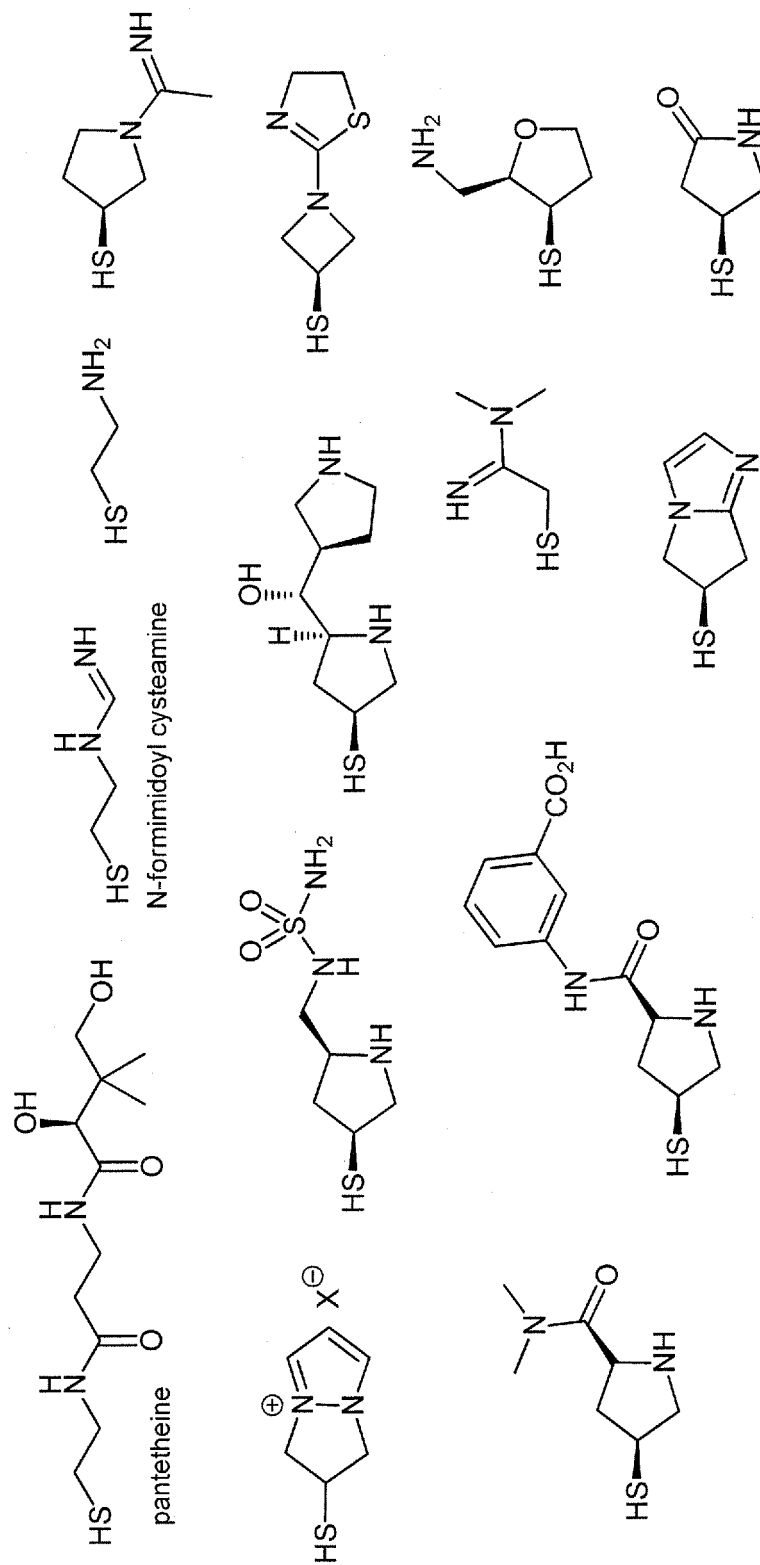


Figure 6B

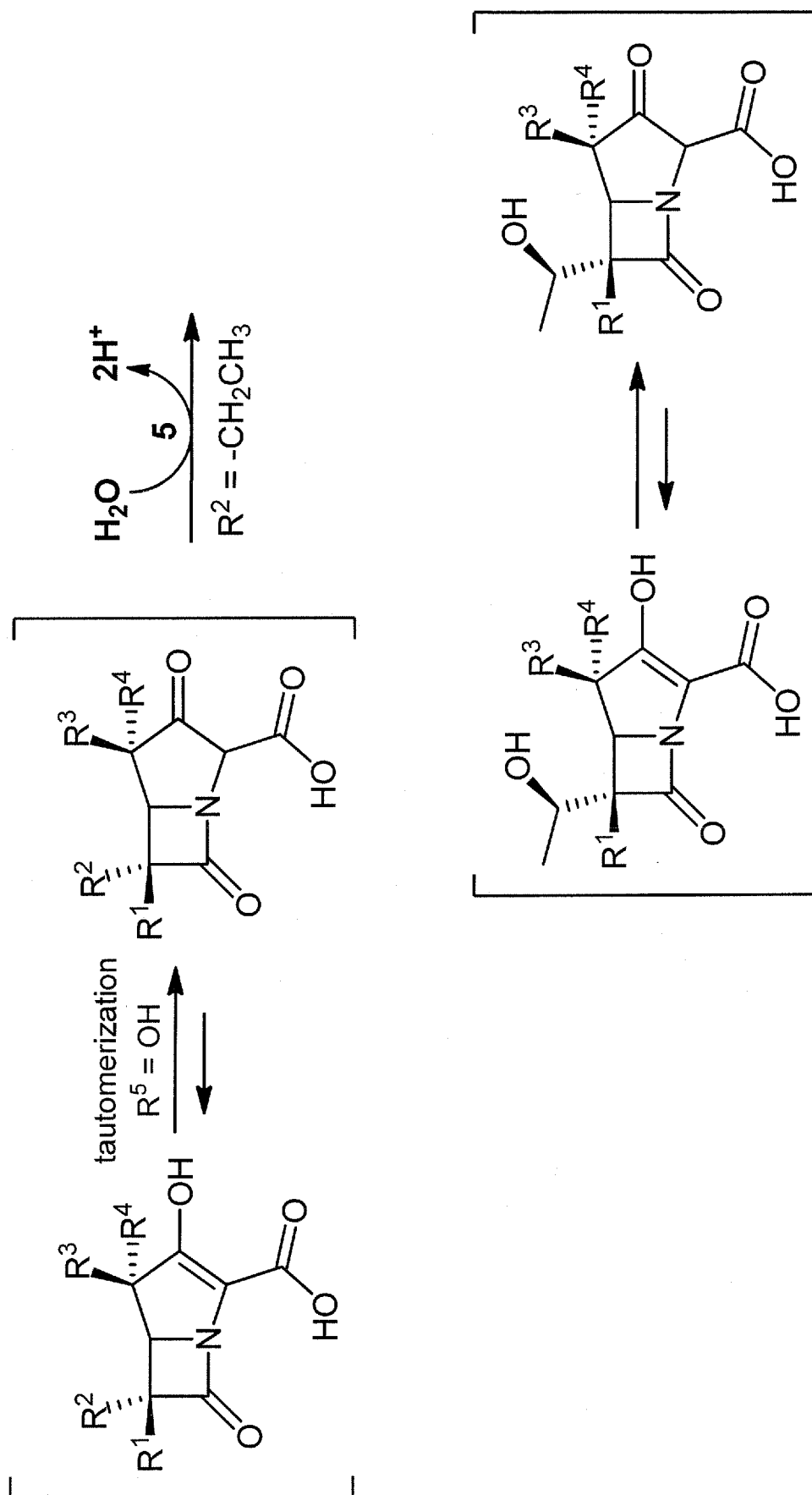


Figure 7

Chemical attachment of $-SR^8$ side chain, $R^5 = -OH, =O$

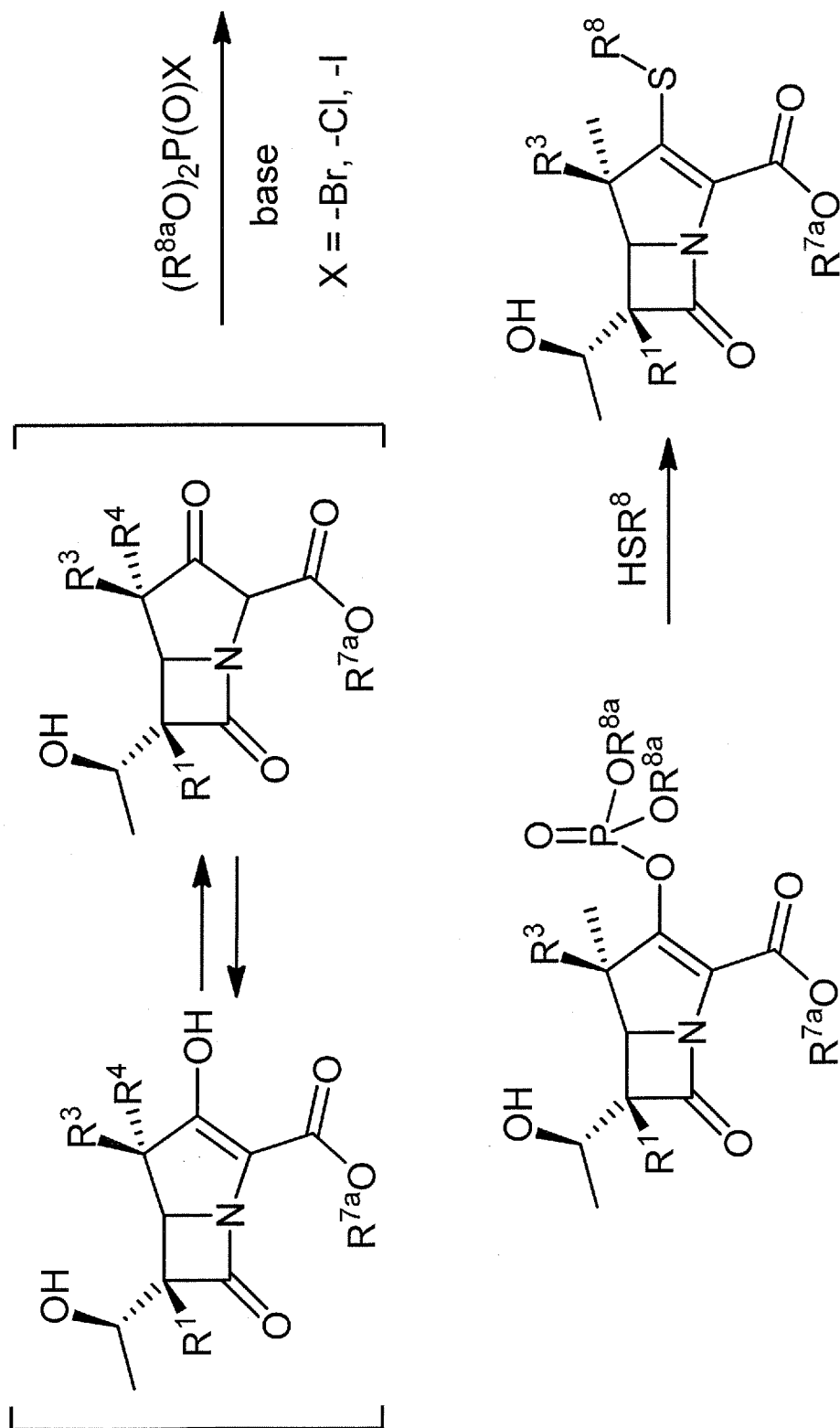
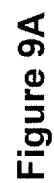


Figure 8



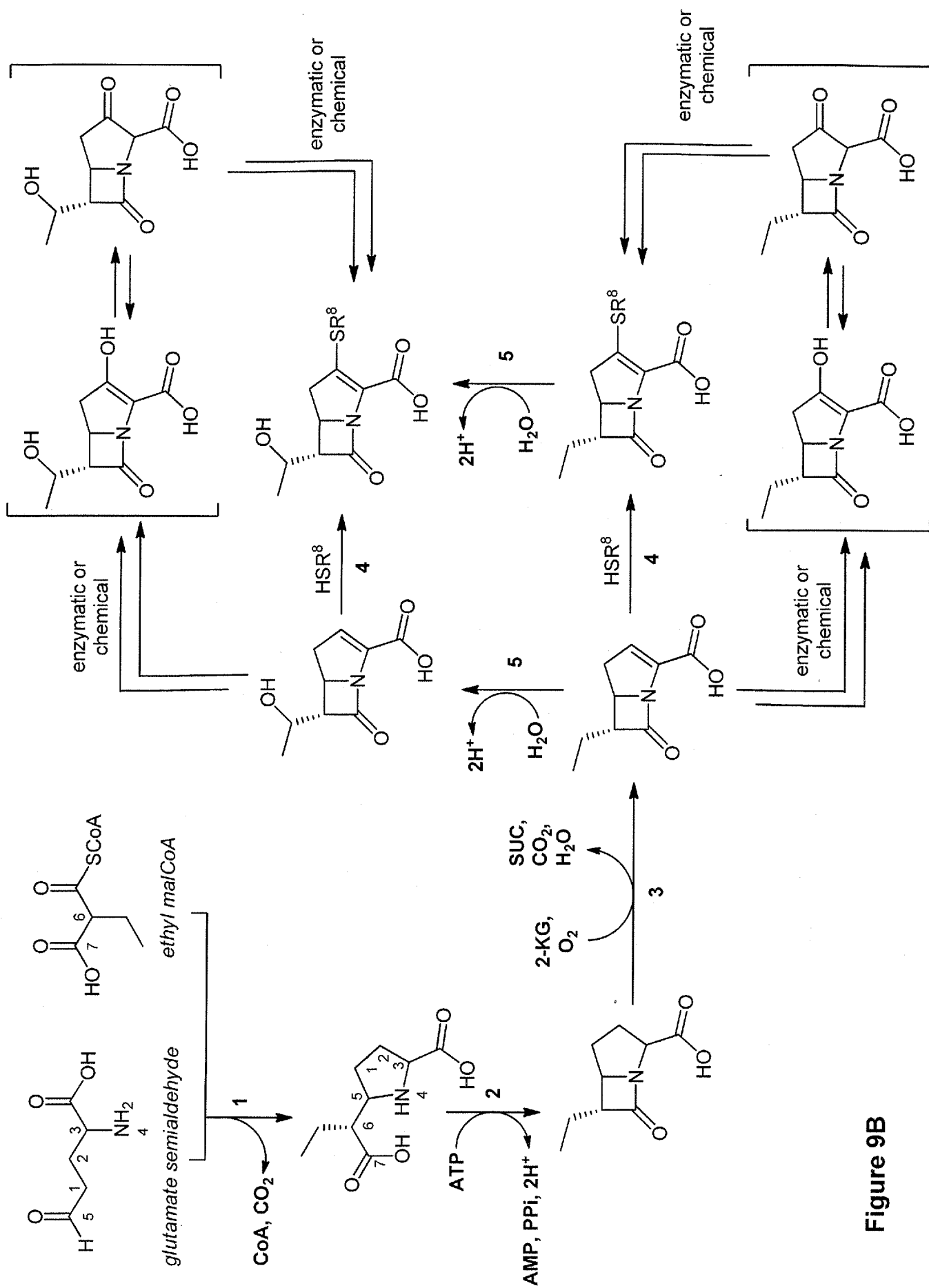


Figure 9B

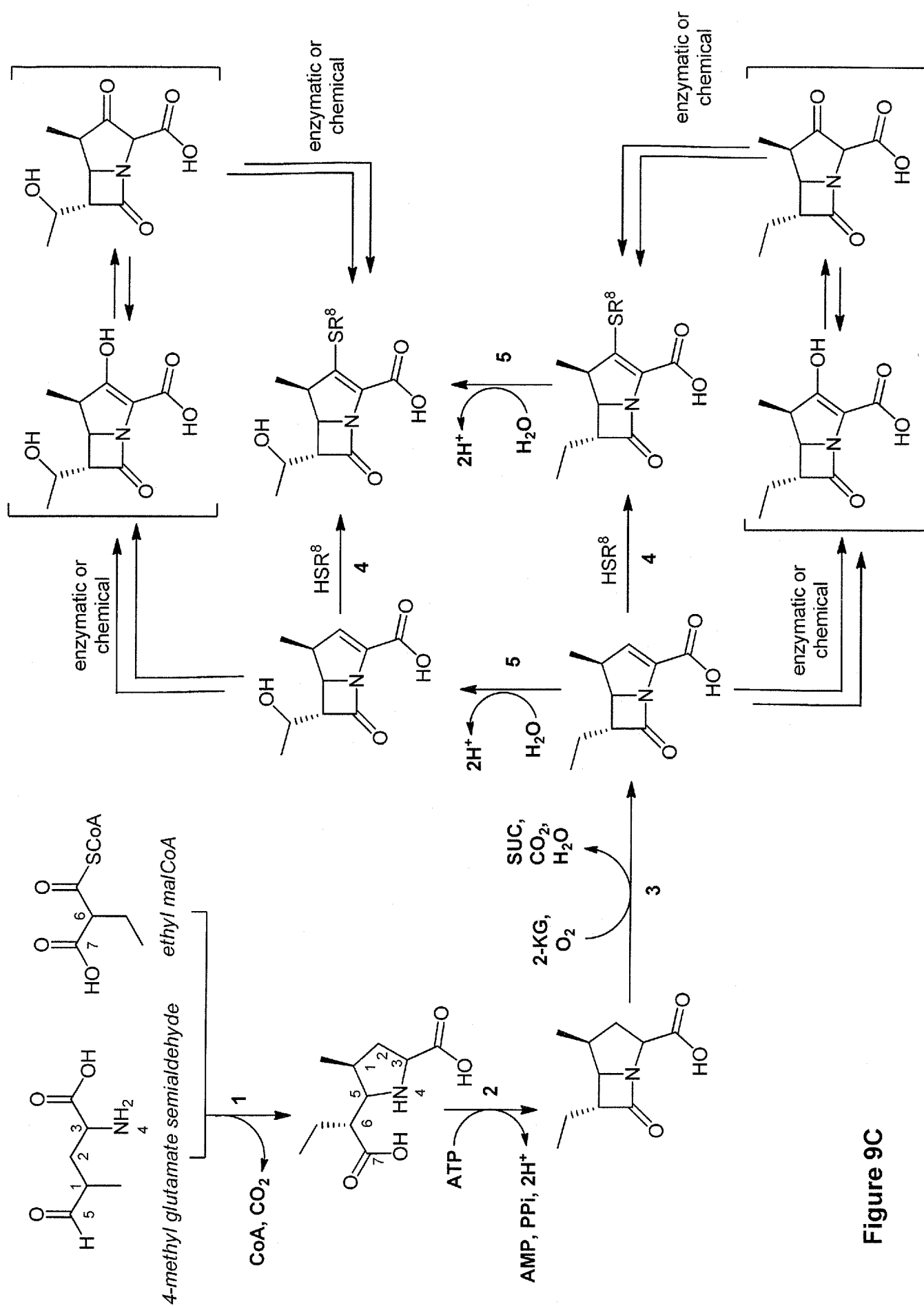


Figure 9C

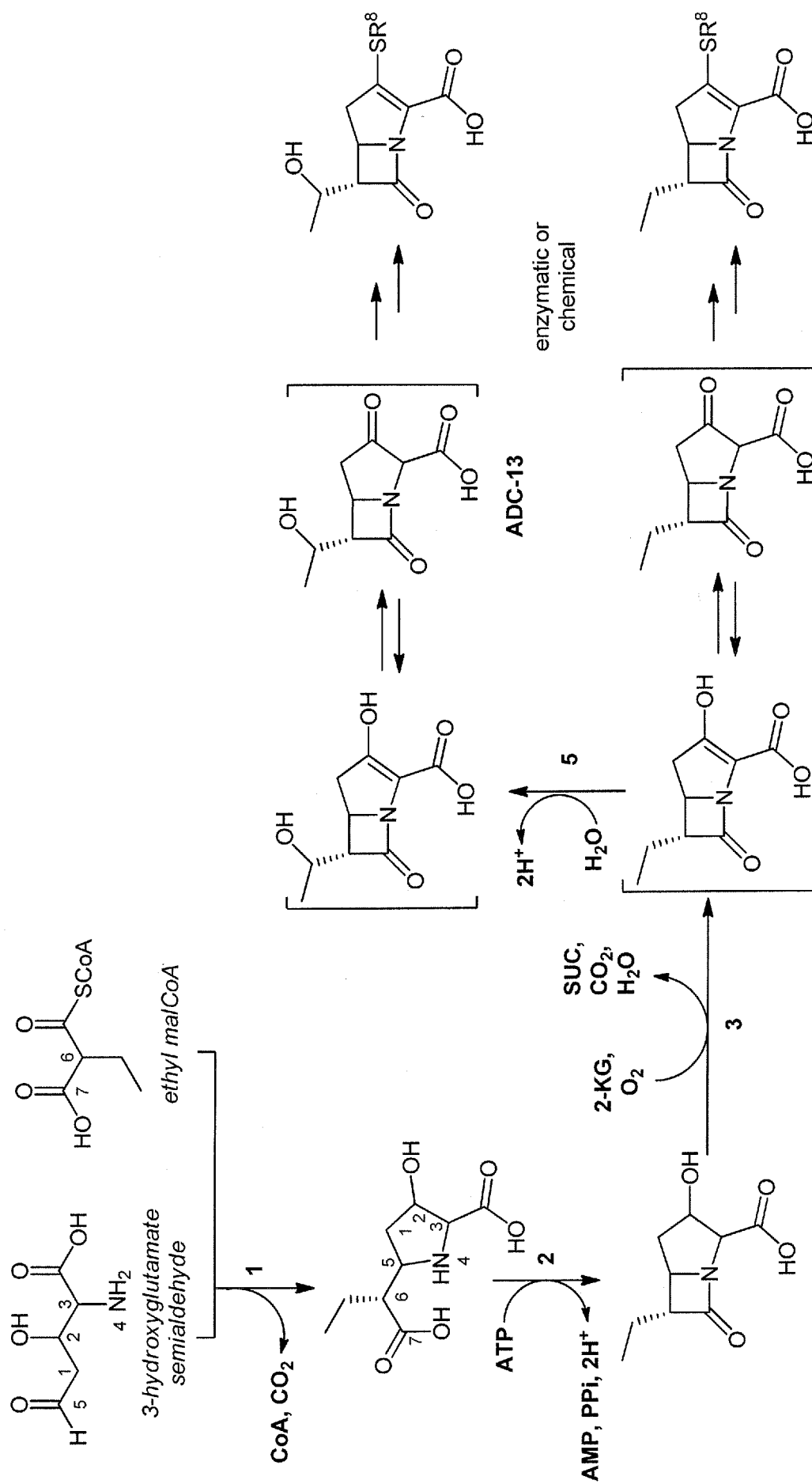


Figure 9D

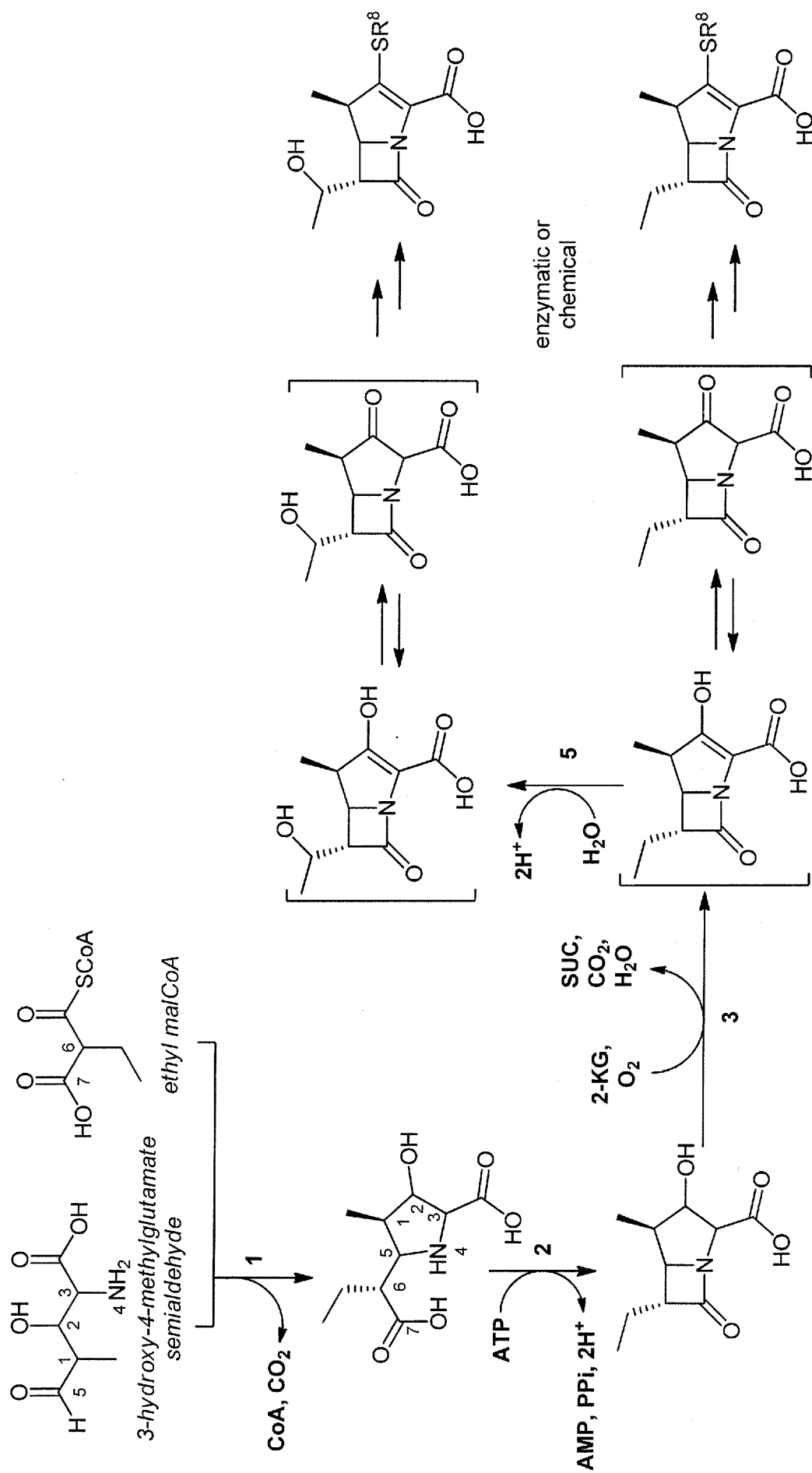
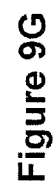


Figure 9E





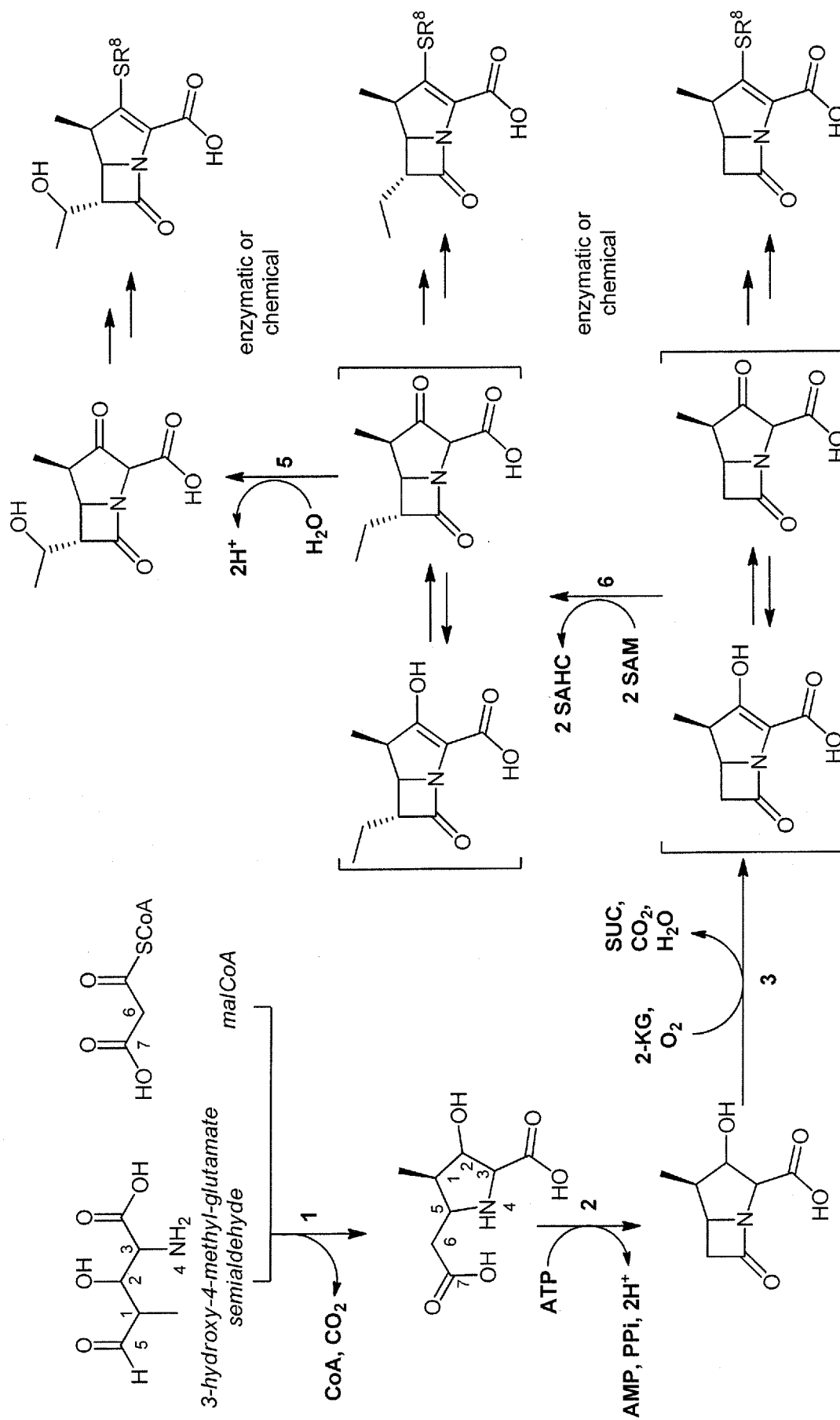


Figure 9H

Figure 10

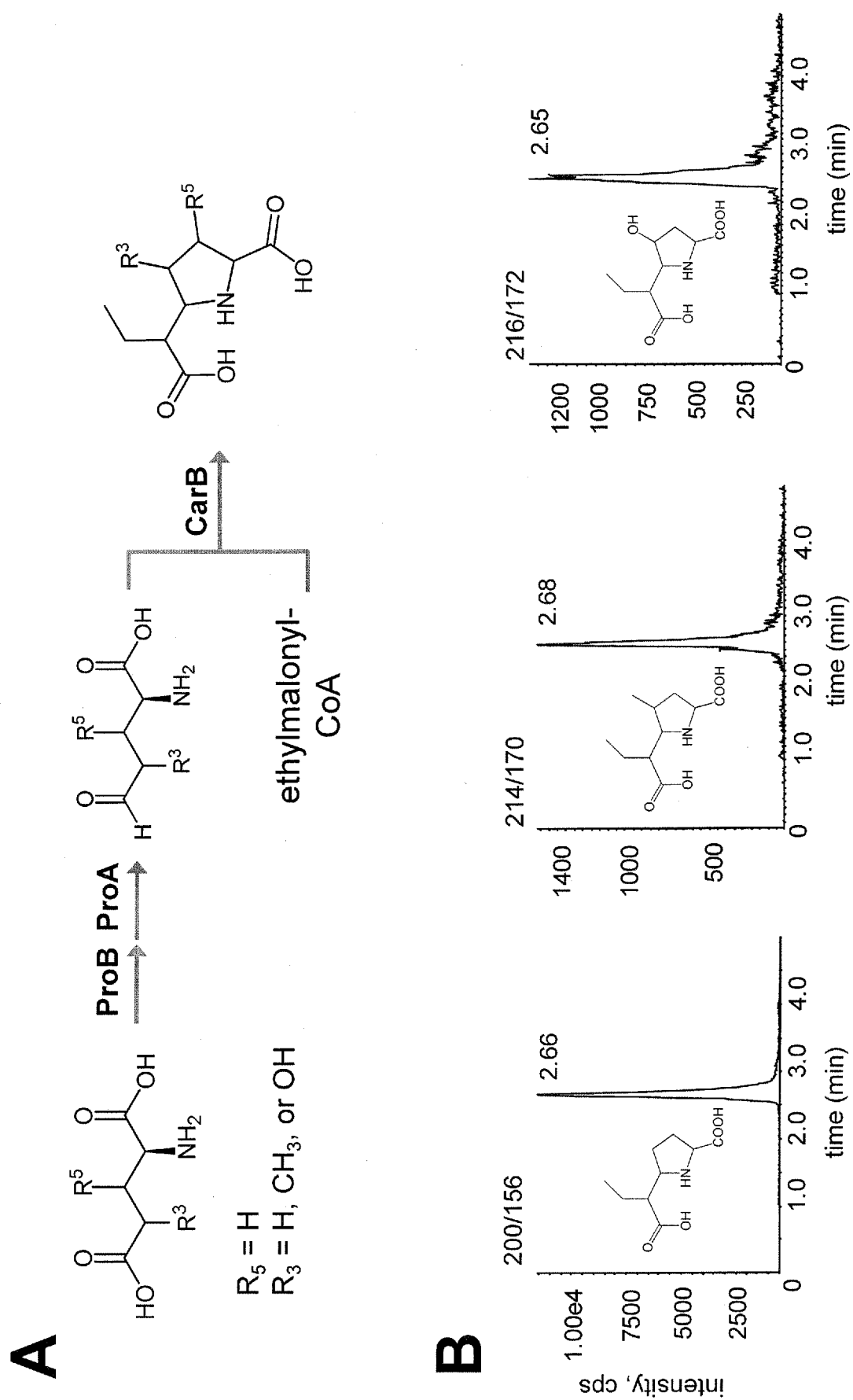


Figure 11

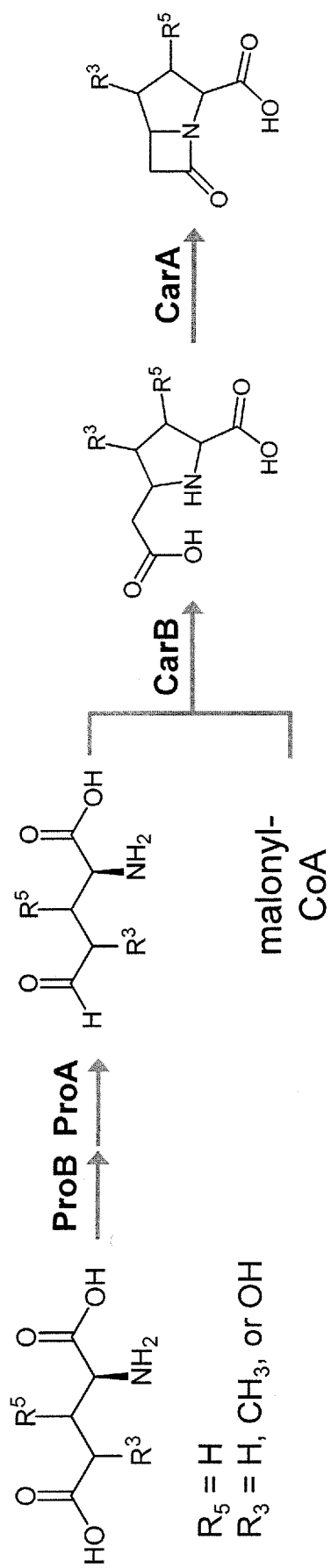
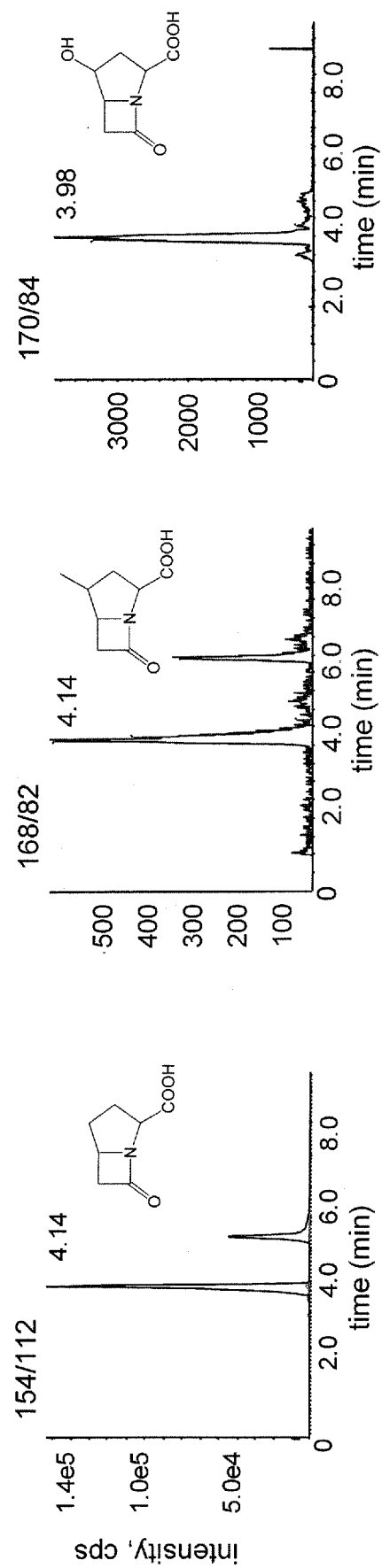
A**B**

Figure 12

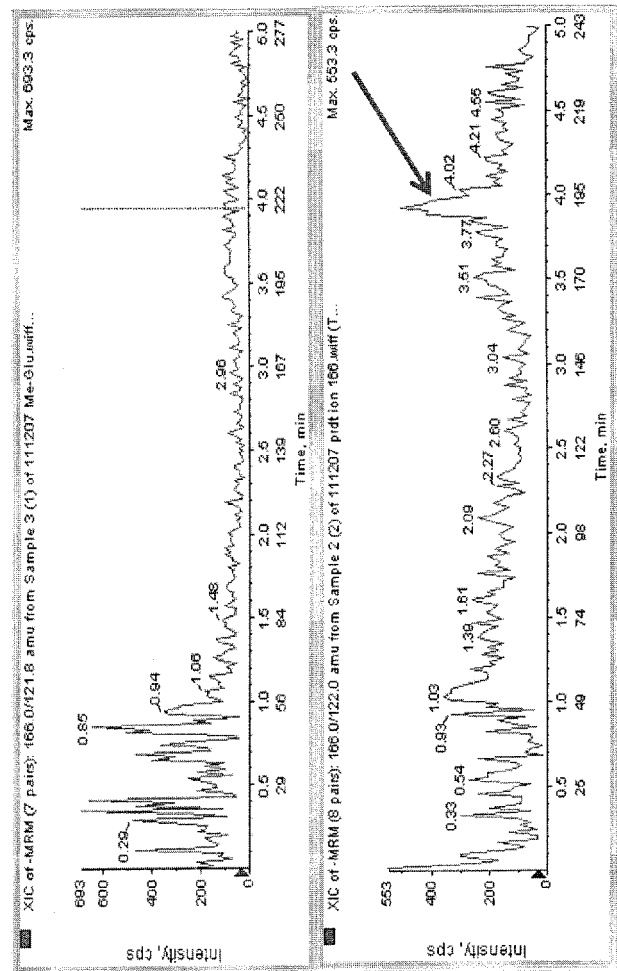
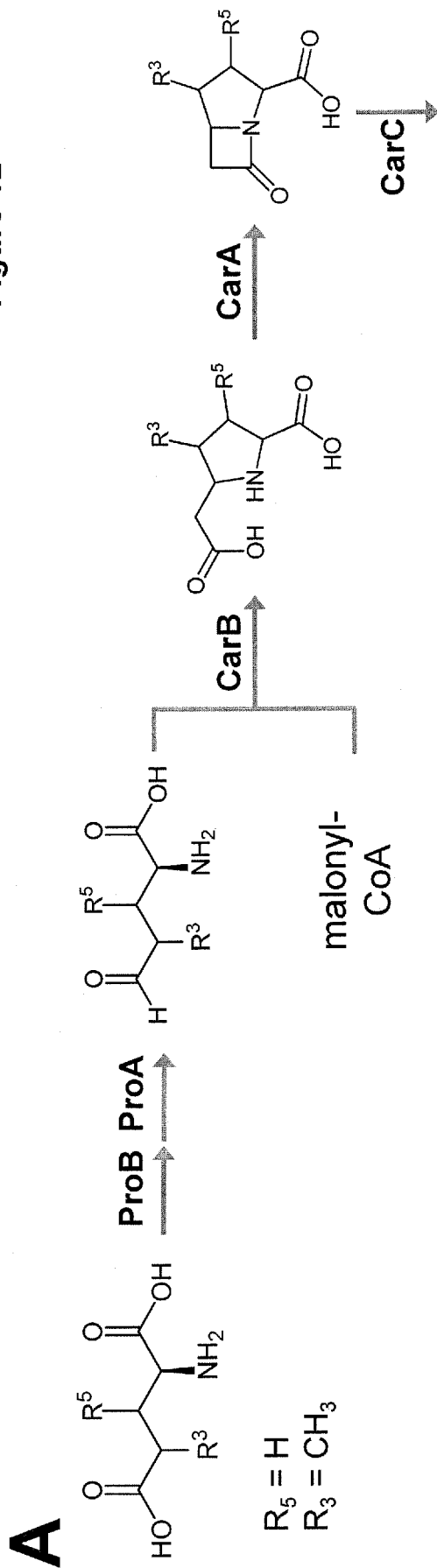


Figure 13A

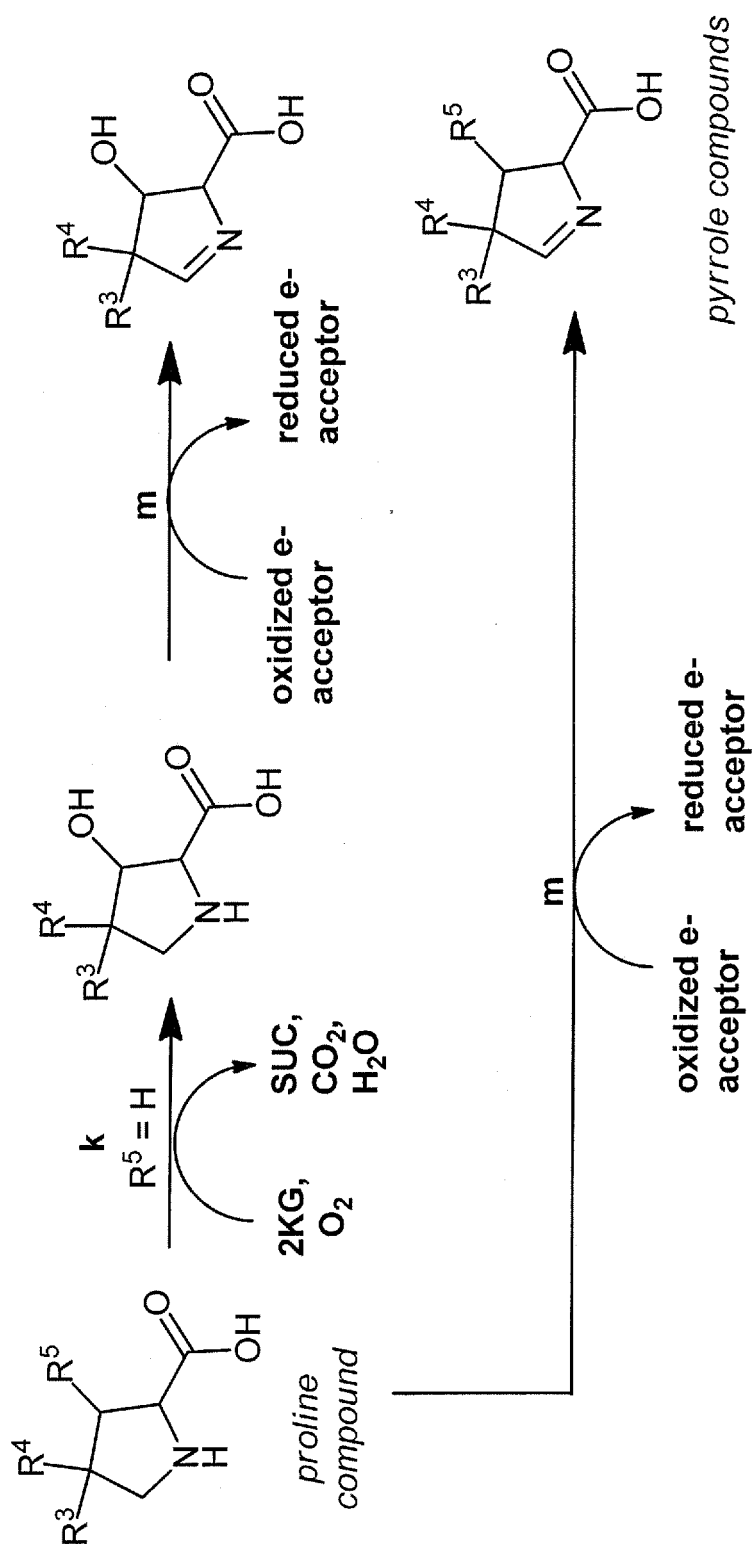
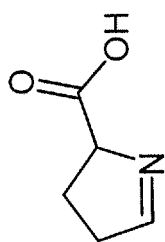
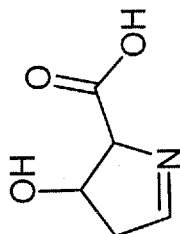


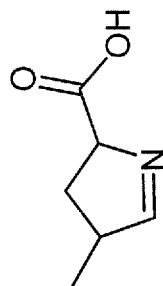
Figure 13B

pyrrole compounds

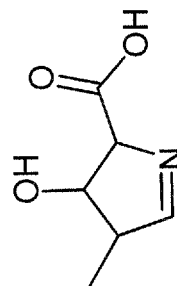
3,4-dihydro-2H-pyrrole-2-carboxylic acid



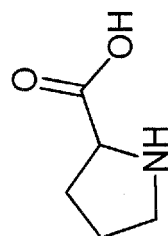
3-hydroxy-3,4-dihydro-2H-pyrrole-2-carboxylic acid



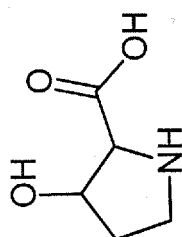
4-methyl-3,4-dihydro-2H-pyrrole-2-carboxylic acid



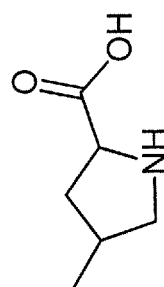
3-hydroxy-4-methyl-3,4-dihydro-2H-pyrrole-2-carboxylic acid

proline compounds

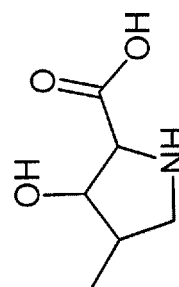
proline



3-hydroxyproline

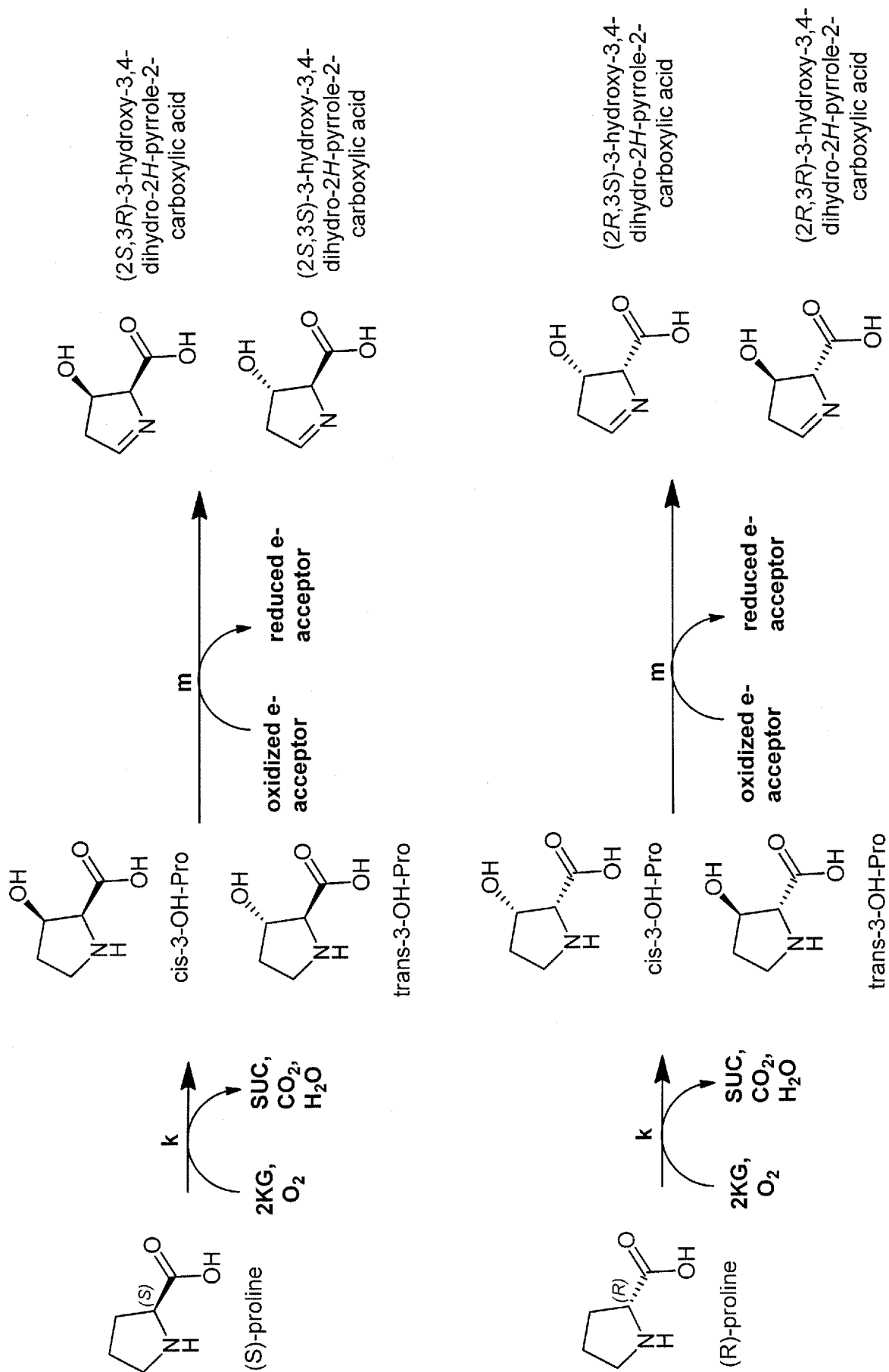


4-methylproline



3-hydroxy-4-methylproline

Figure 13C



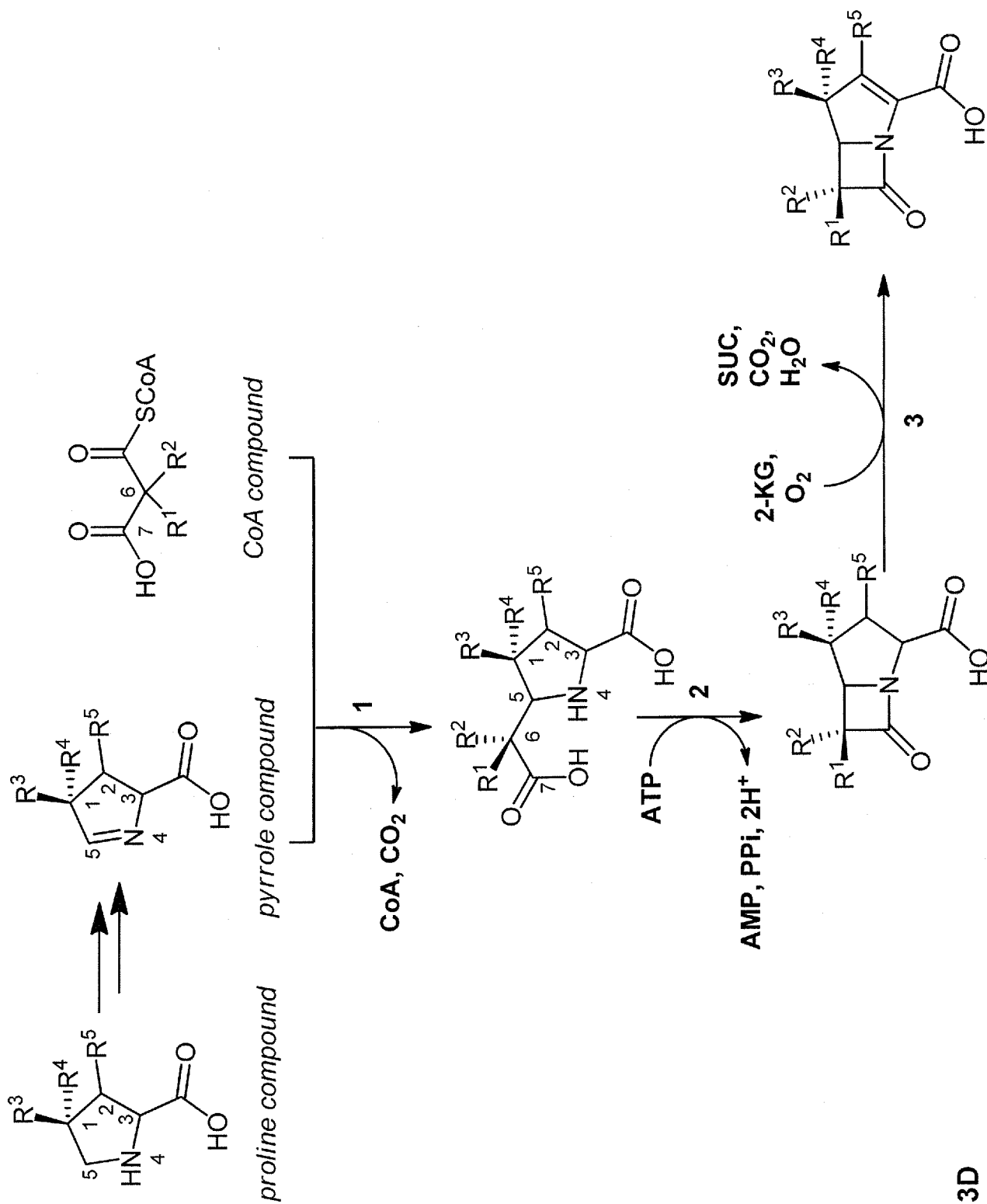


Figure 13D

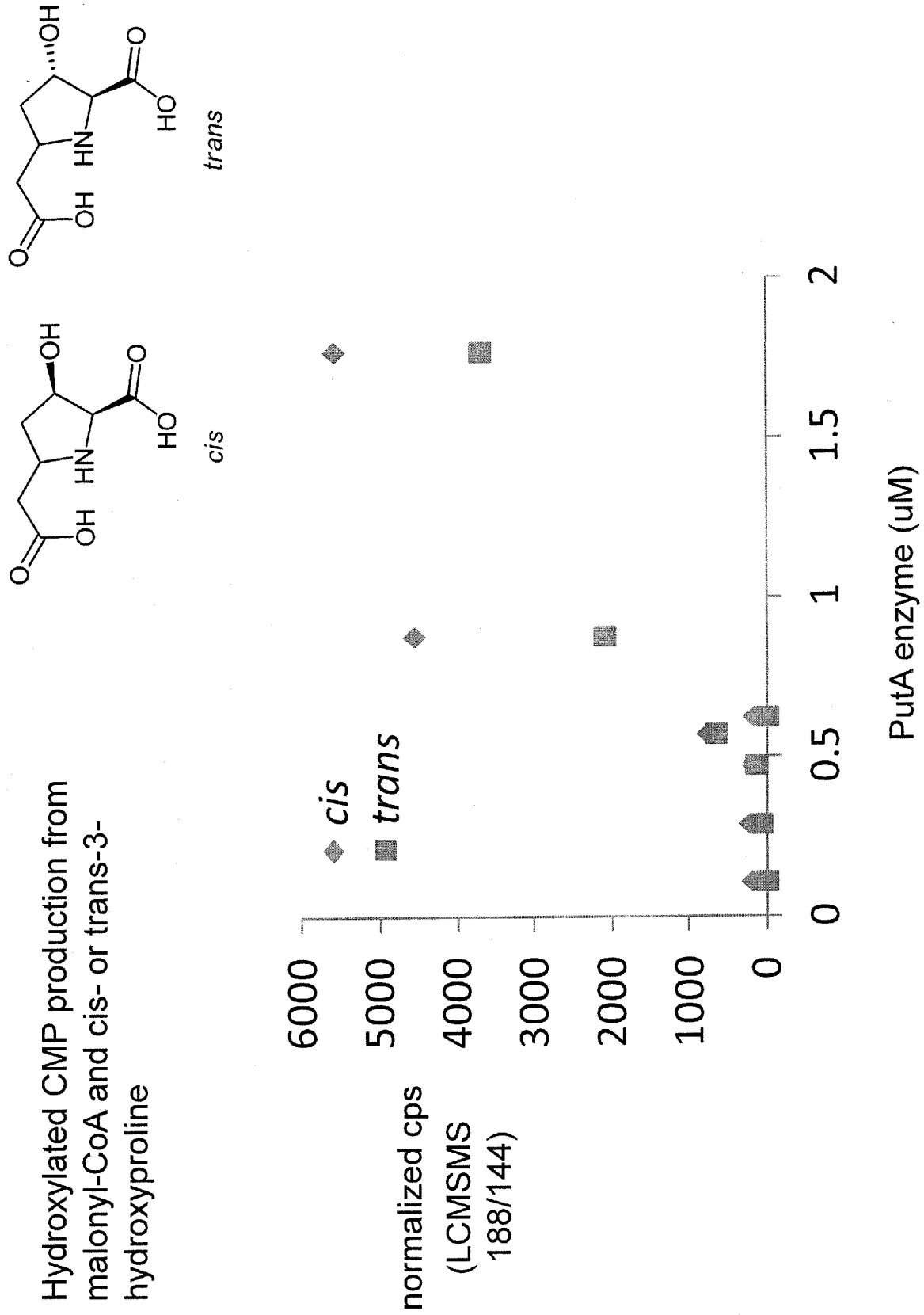


Figure 14