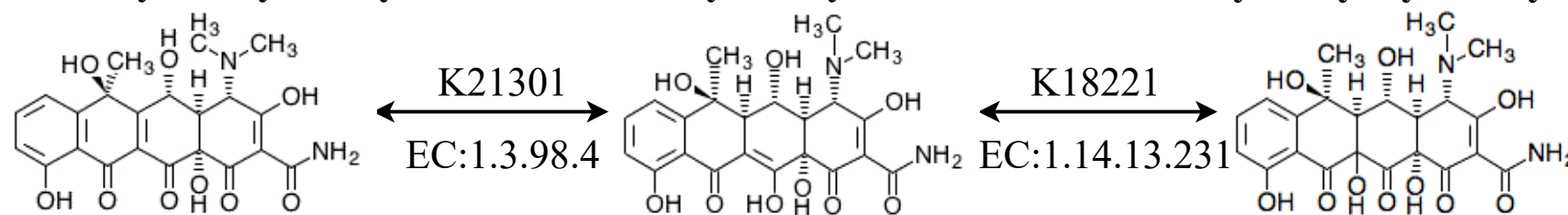


5a,11a-Dehydroxytetracycline

Oxytetracycline

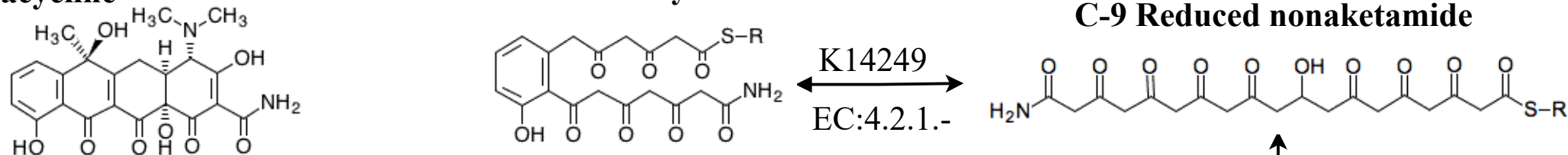
11a-Hydroxyoxytetracycline



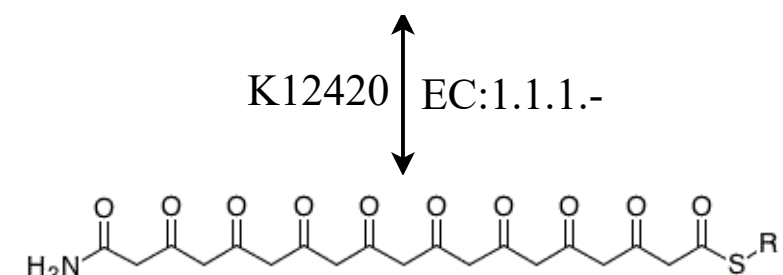
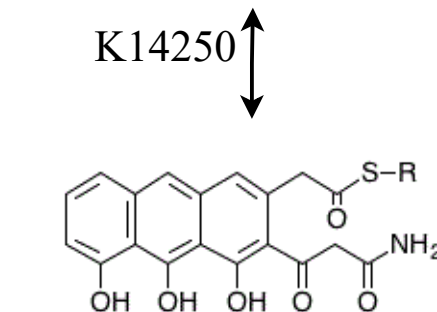
5a,11a-Dehydrotetracycline

Nonaketamide monocyclic intermediate

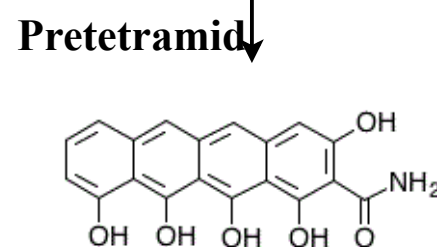
C-9 Reduced nonaketamide



Anhydrotetracycline



4-Amino-anhydrotetracycline

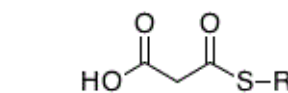


Malonamoyl-[acp]

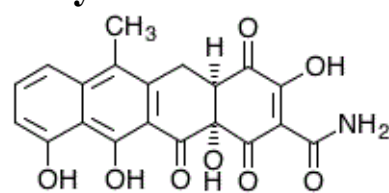
Malonyl-CoA



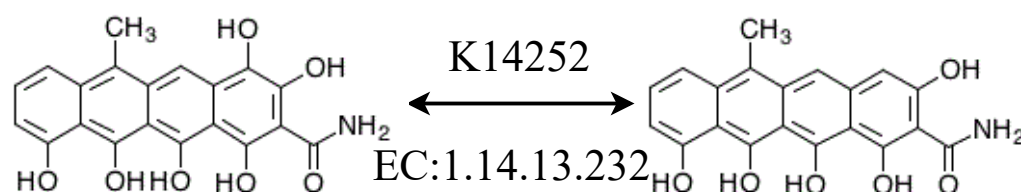
Malonyl-[acp]



4-Keto-anhydrotetracycline



4-Hydroxy-6-methylpretetramide



6-Methylpretetramide