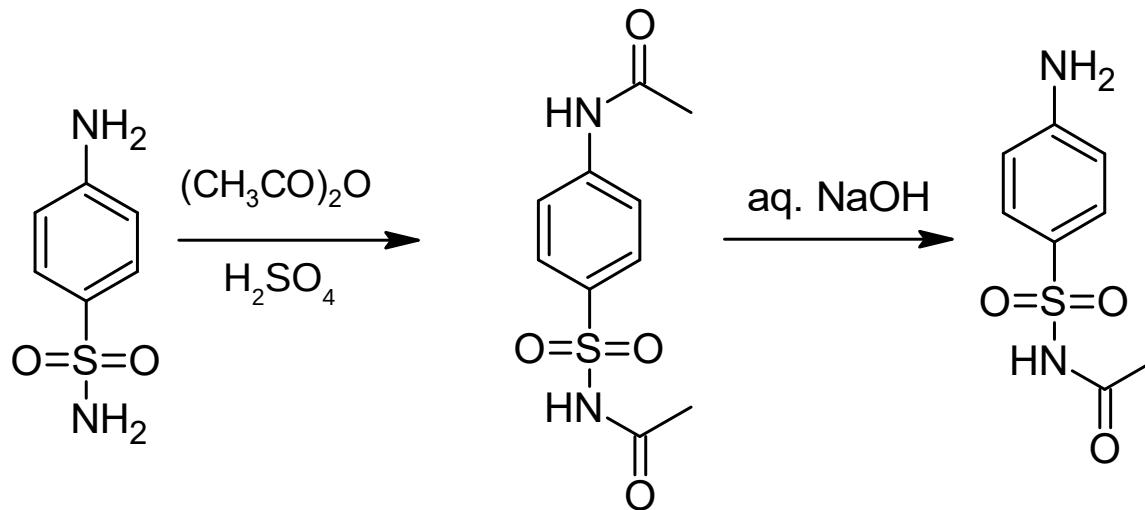


Metabolism & syntheses of selected antibacterial drugs

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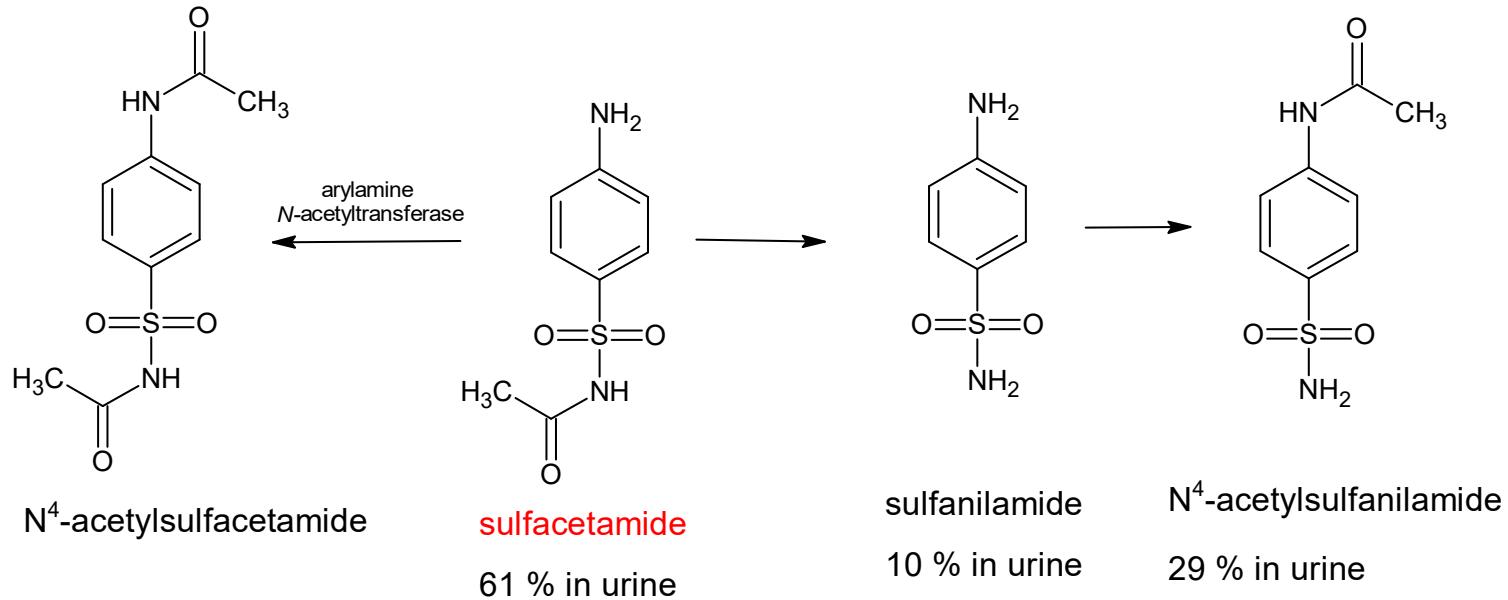
Sulfonamides

Synthesis of sulfacetamide

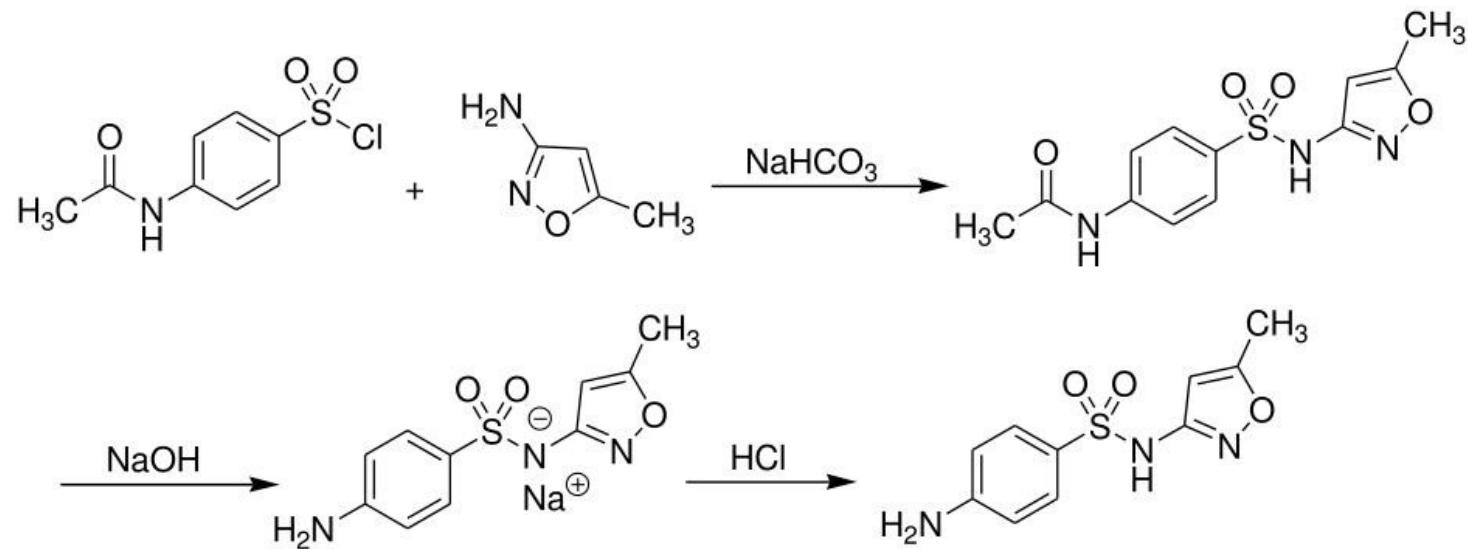


Sulfonamides

Metabolism of sulfacetamide

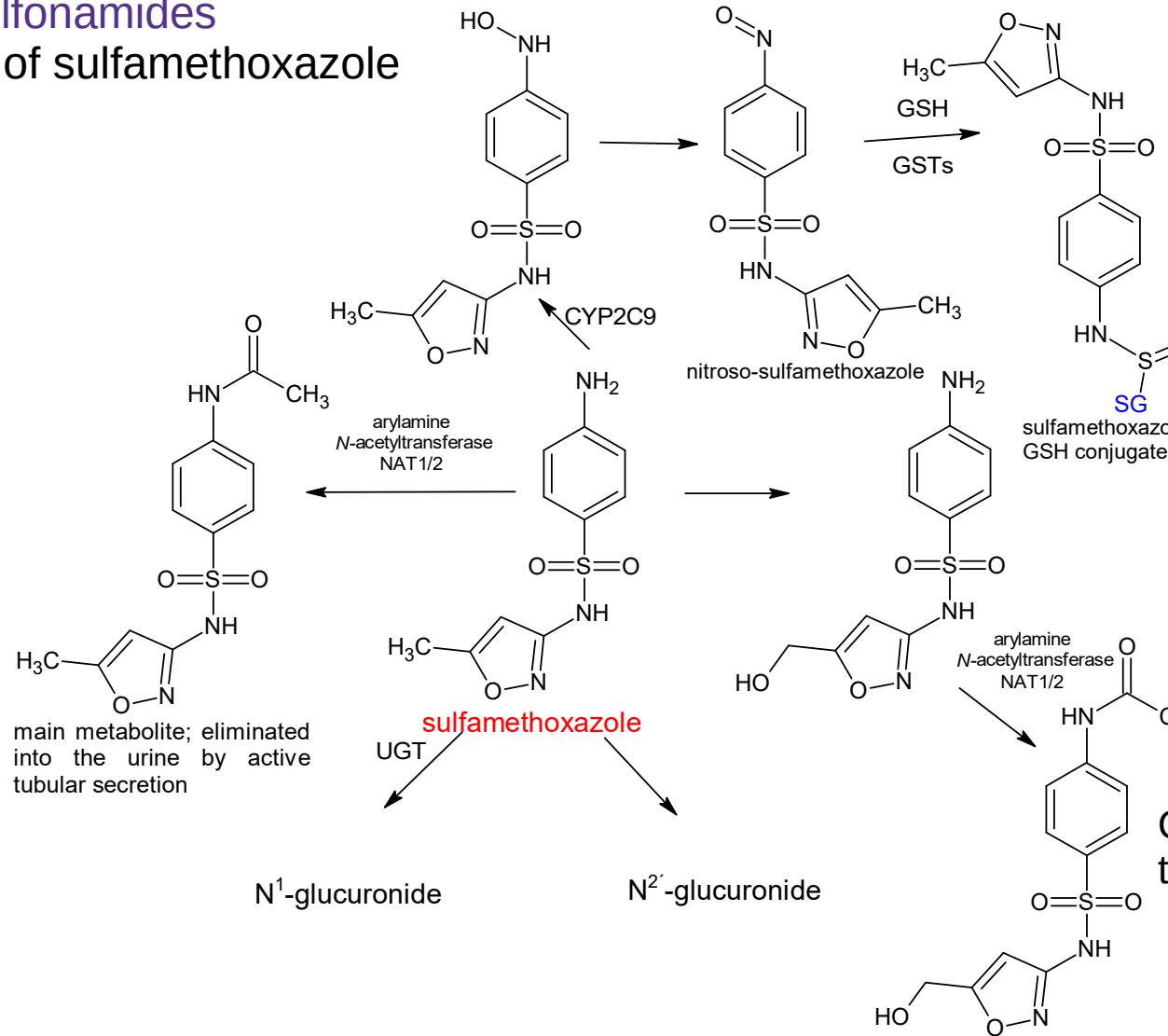


Synthesis of Sulfamethoxazole



Sulfonamides

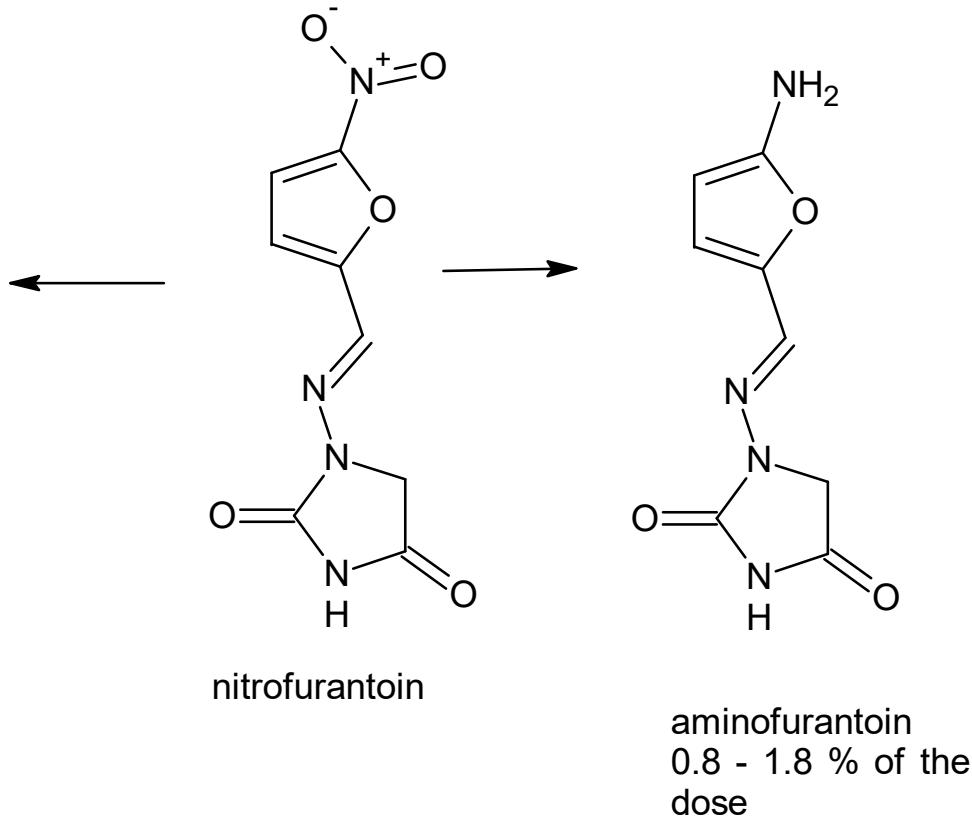
Metabolism of sulfamethoxazole



Nitrofurans

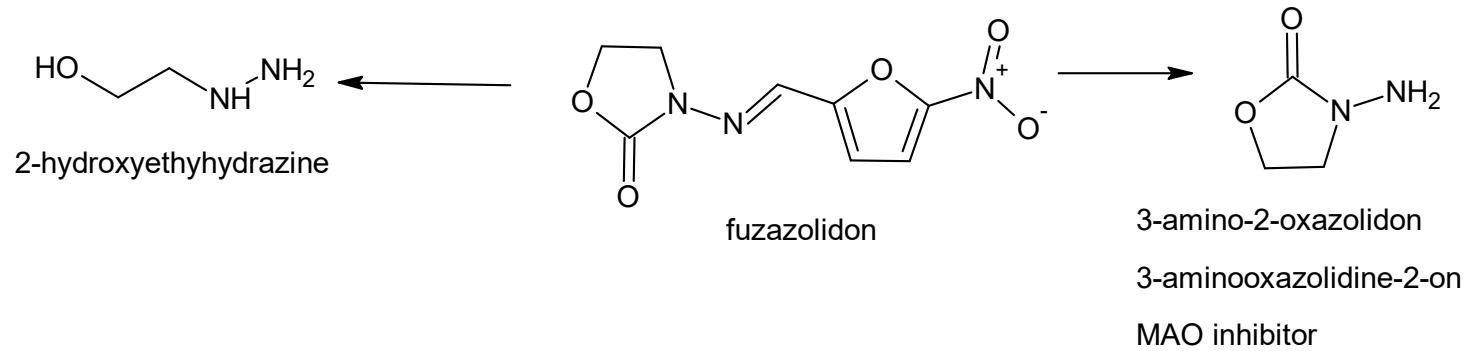
Metabolism of nitrofurantoin

other metabolites
< 0.9 % of the dose



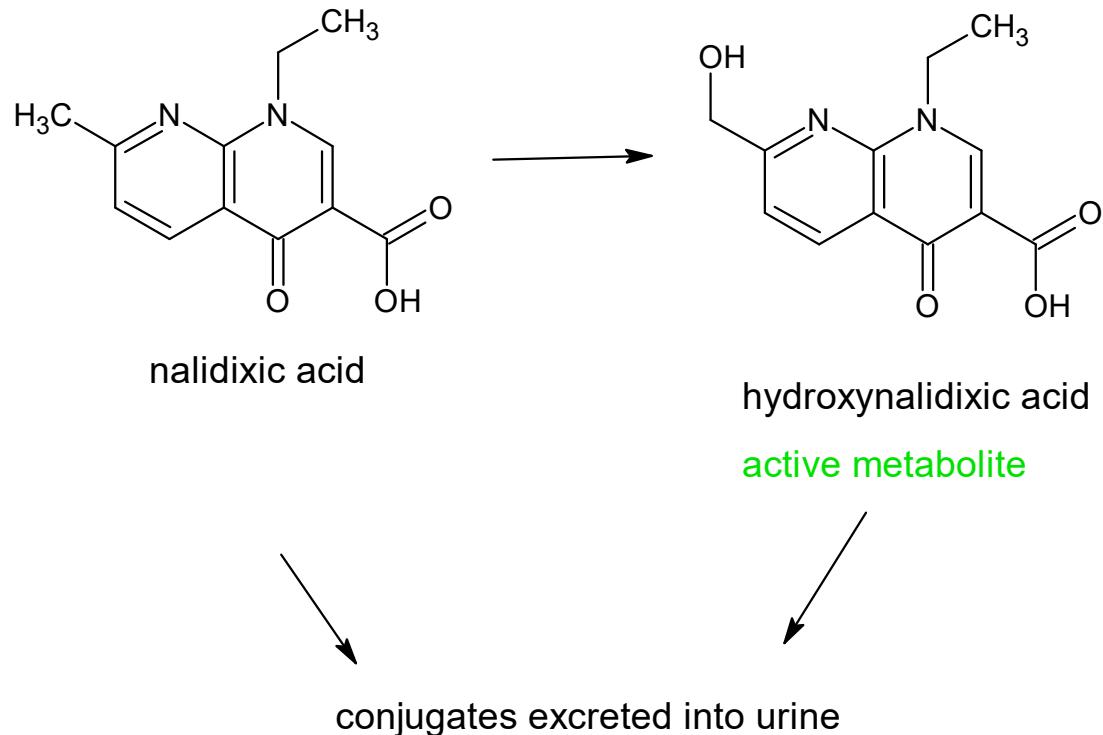
Nitrofurans

Metabolism of furazolidon



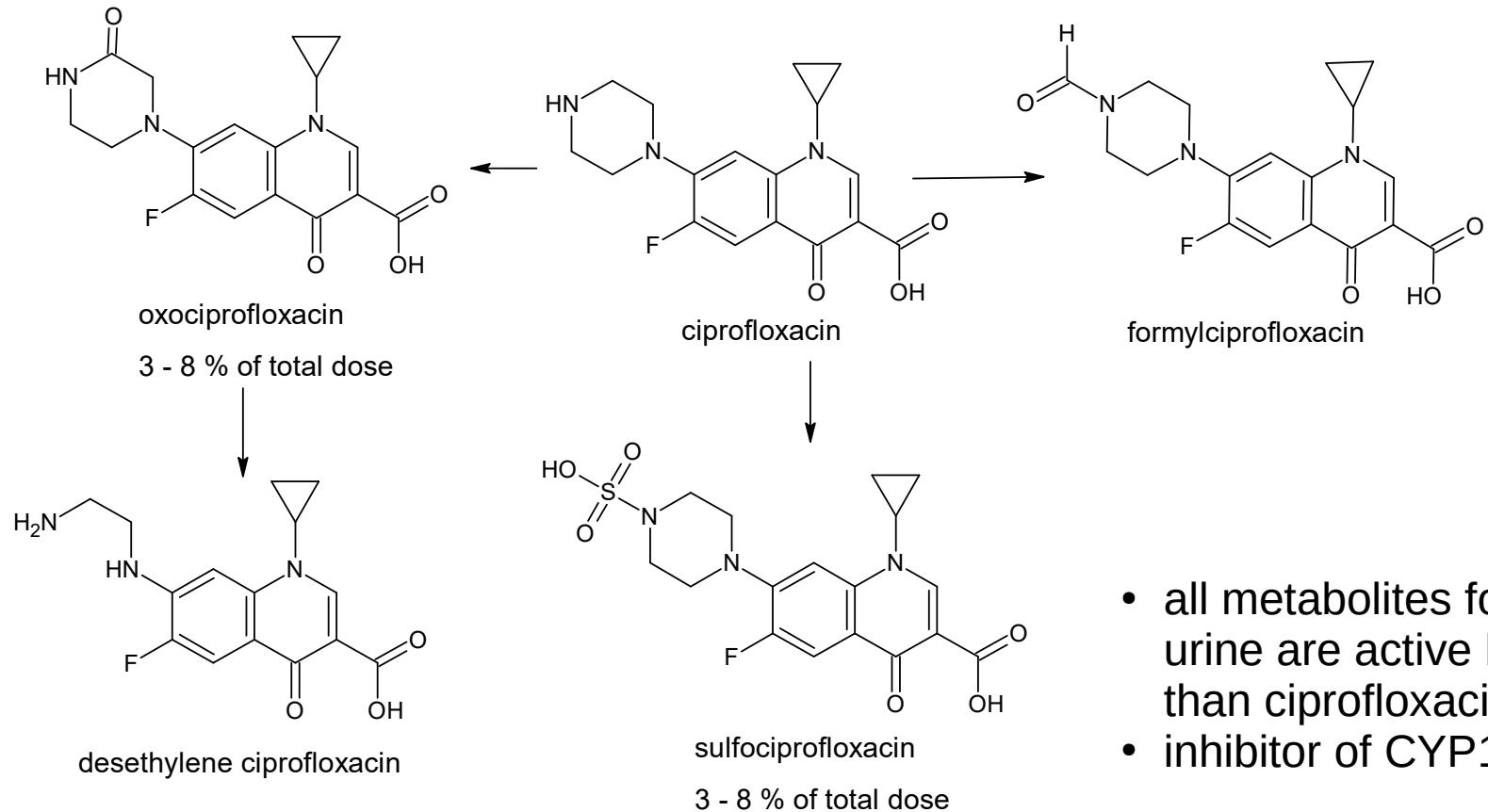
Quinolones

Metabolism of nalidixic acid



Quinolones

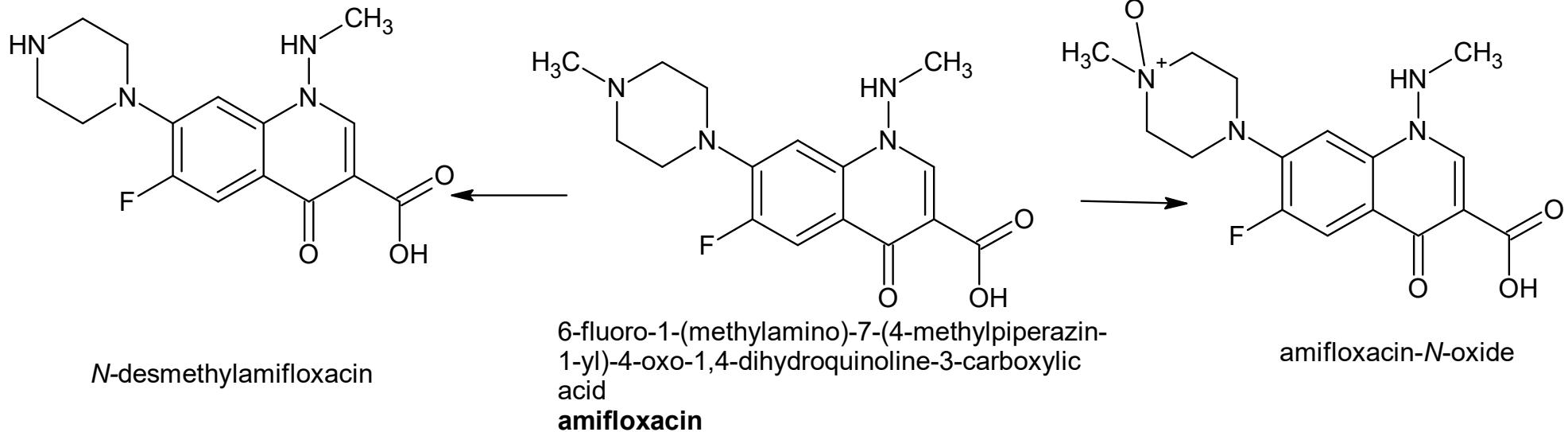
Metabolism of ciprofloxacin



- all metabolites found in urine are active but less than ciprofloxacin
- inhibitor of CYP1A2

Quinolones

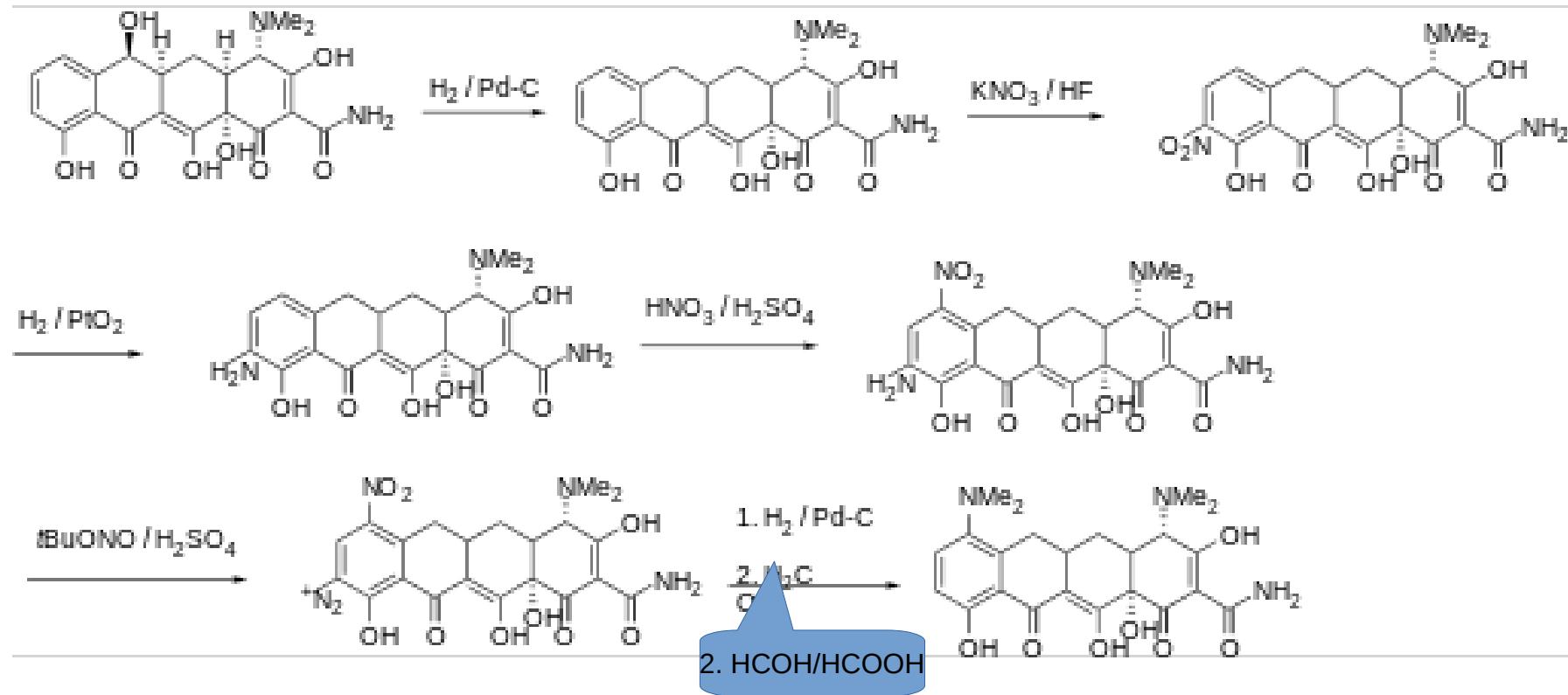
Metabolism of amifloxacin



both metabolites are active but less than amifloxacin

Tetracyclins

Sythesis of minocyclin



Tetracyclines

Metabolism of minocycline

