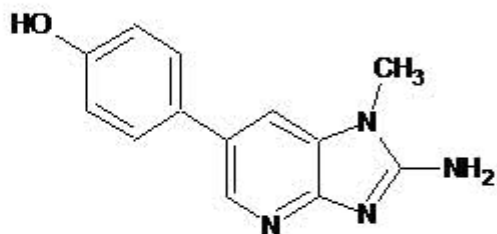


PhIP

CYP1A1/CYP1A2

CYP1A1/CYP1A2



4' OH metabolite



N² hydroxylated
metabolite

Acetoxy, sulfonyloxy esters

DNA adducts