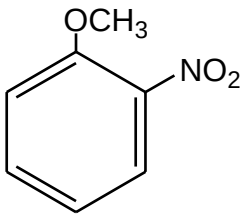
DEREKによる毒性Search

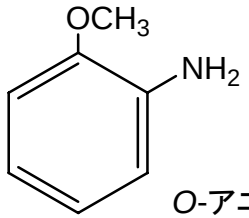
英国Lhasa社（CTCラボラトリーシステムズ）

芳香族ニトロ化合物

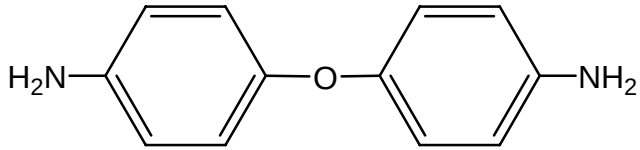


O-ニトロアニソール

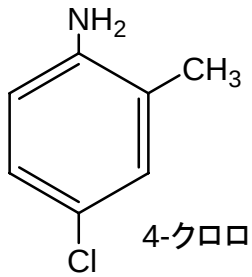
芳香族アミン化合物



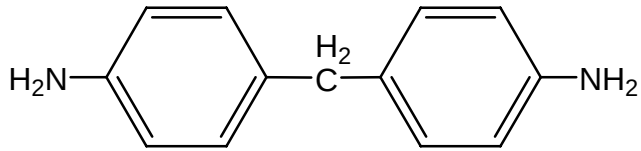
O-アニシジン



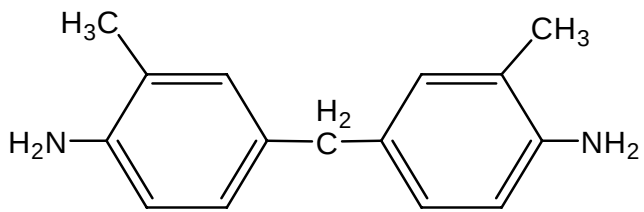
4,4’—ジアミノジフェニルエーテル



4-クロロ-2-メチルアニリン

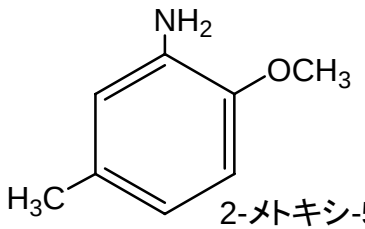


4,4’—ジフェニルメタンジアミン

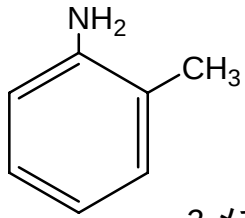


4,4’—ジアミノ-*3,3’*-ジメチルフェニルメタン

DEREKのAlert
Carcinogenicity
Chromosome damage
Mutagenicity
Methemoglobinemia
Hepatotoxicity
Skin sensitization



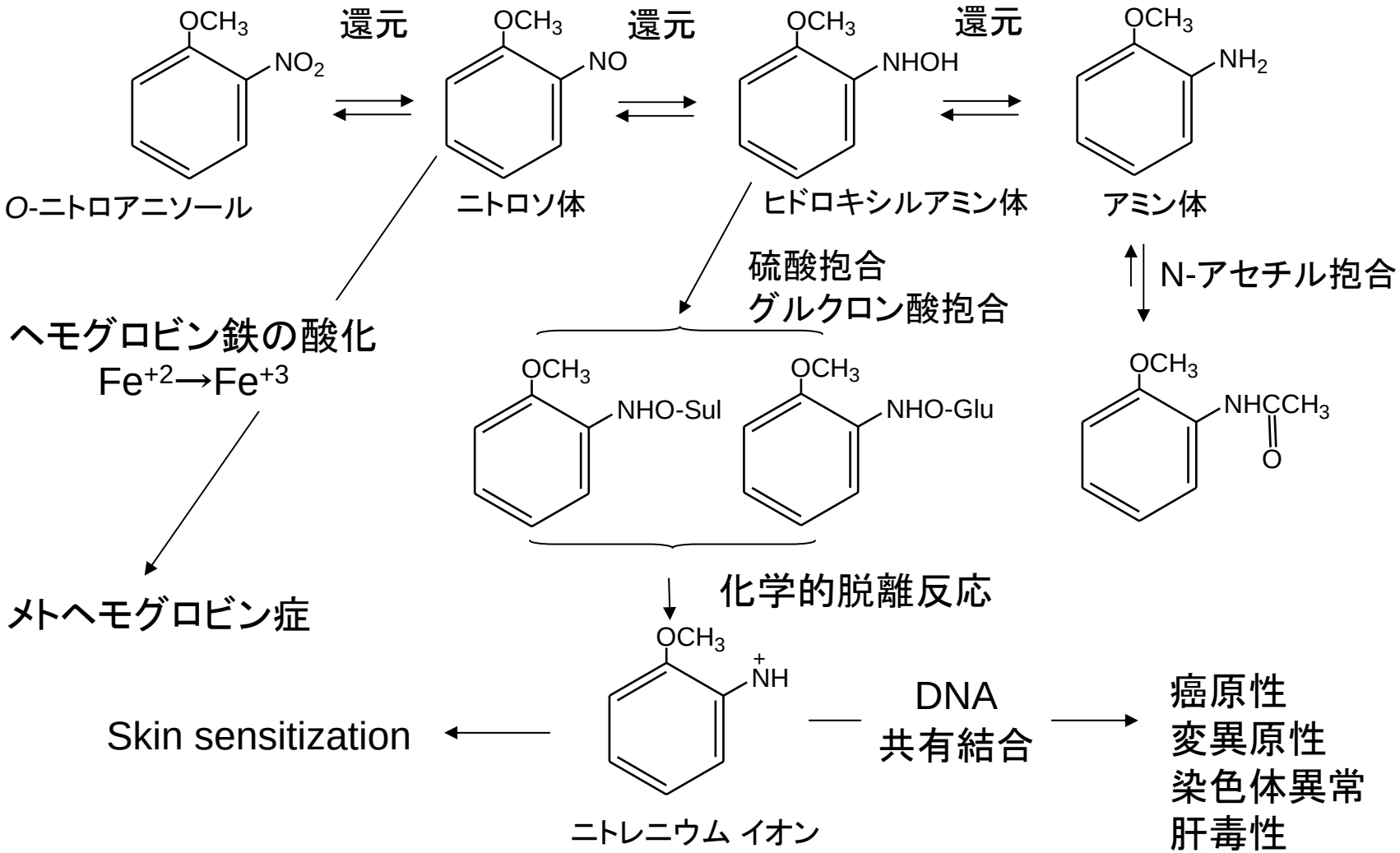
2-メトキシ-5-メチルアニリン



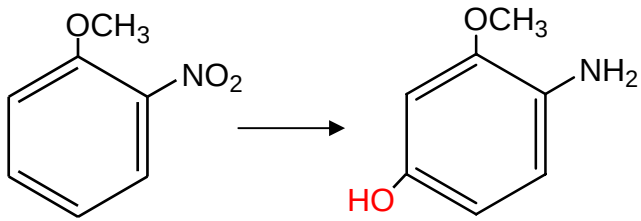
2-メチルアニリン

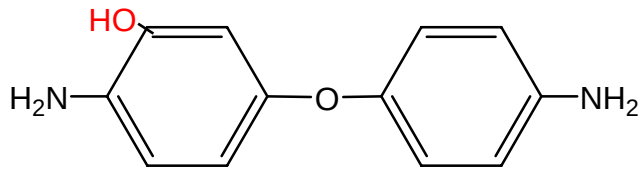
芳香族ニトロ化合物の代謝と毒性

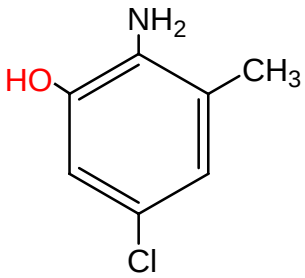
Carcinogenicity, Chromosome damage, Mutagenicity, Hepatotoxicity, Methemoglobinemia

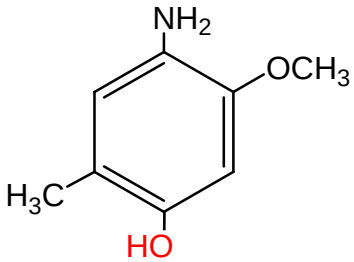


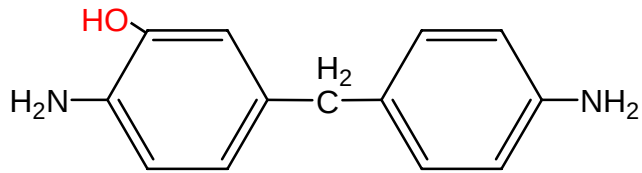
芳香族アミン化合物の代謝と肝毒性

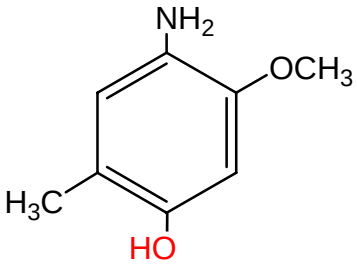


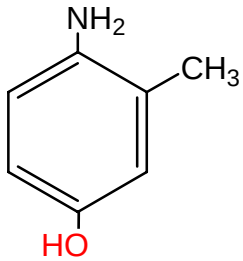


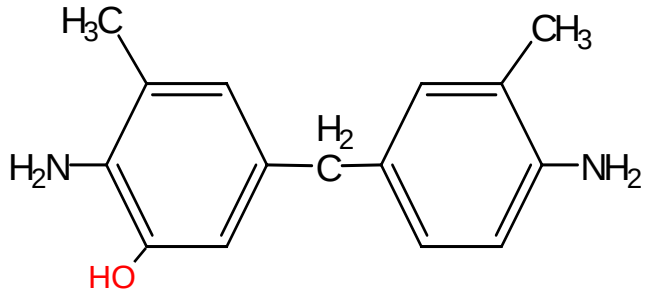




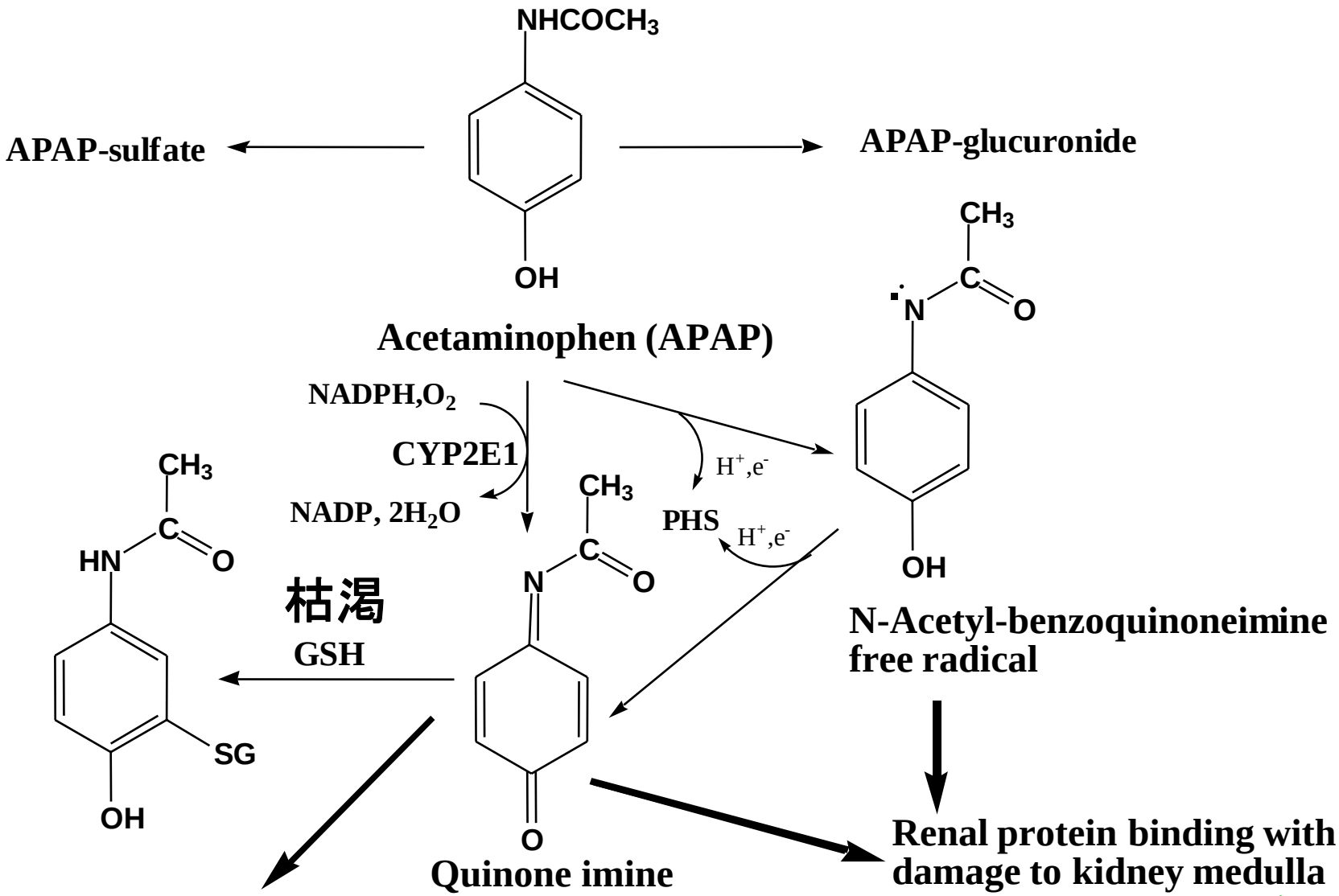






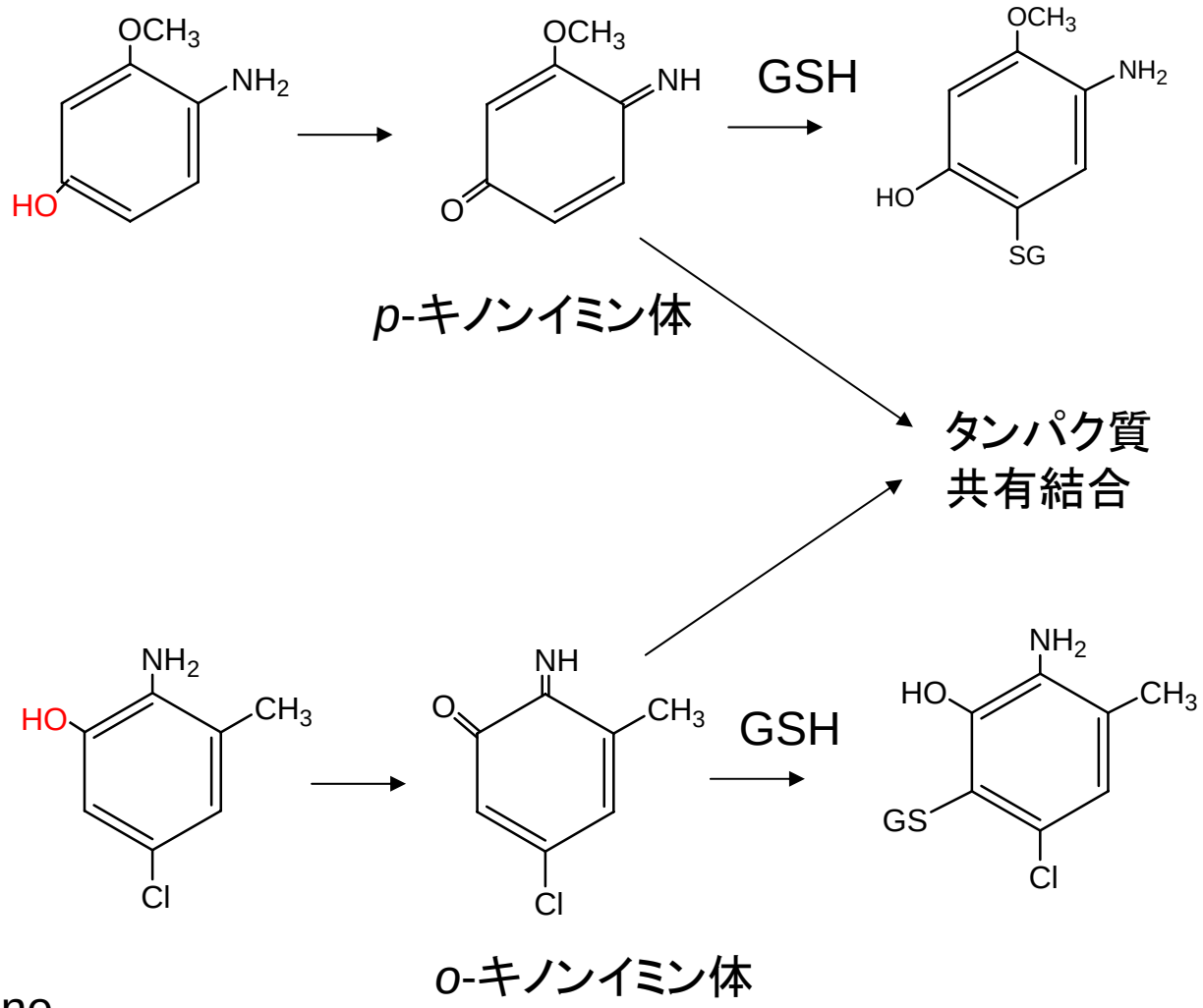


アセトアミノフェンの代謝活性化
（キノンイミンによる肝毒性）



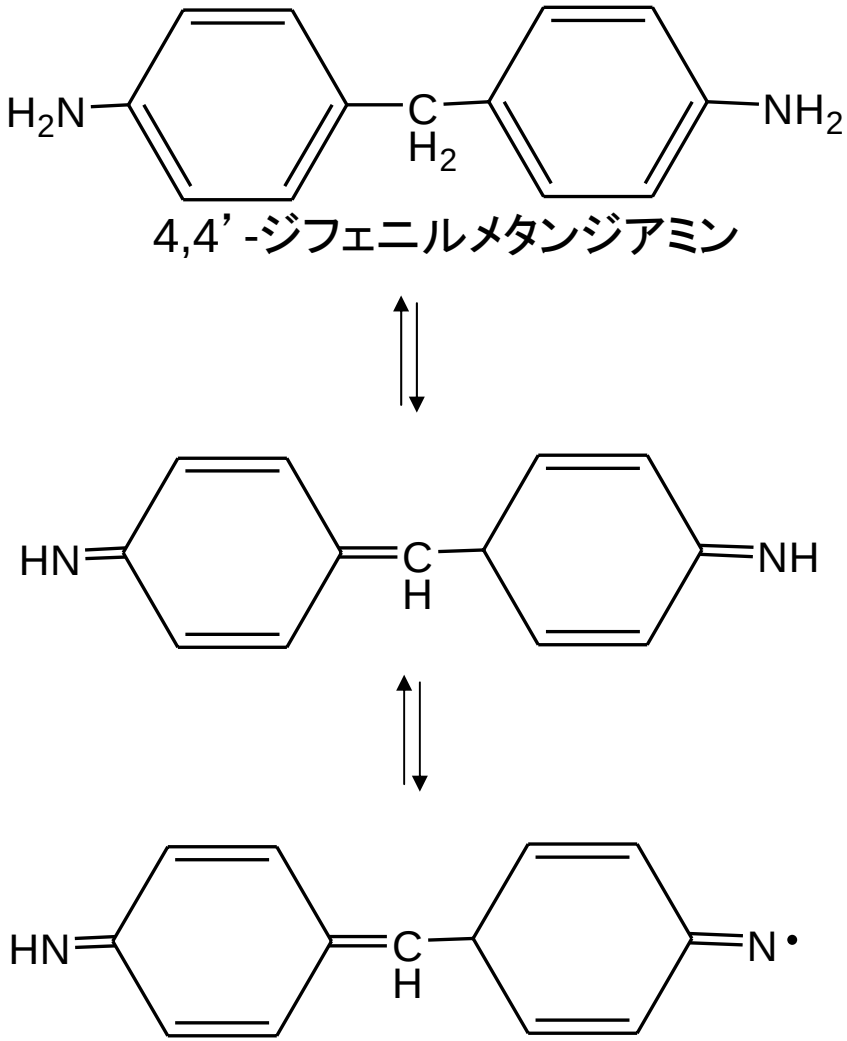
Next

芳香族アミン化合物の代謝と肝毒性



GSH: glutathione

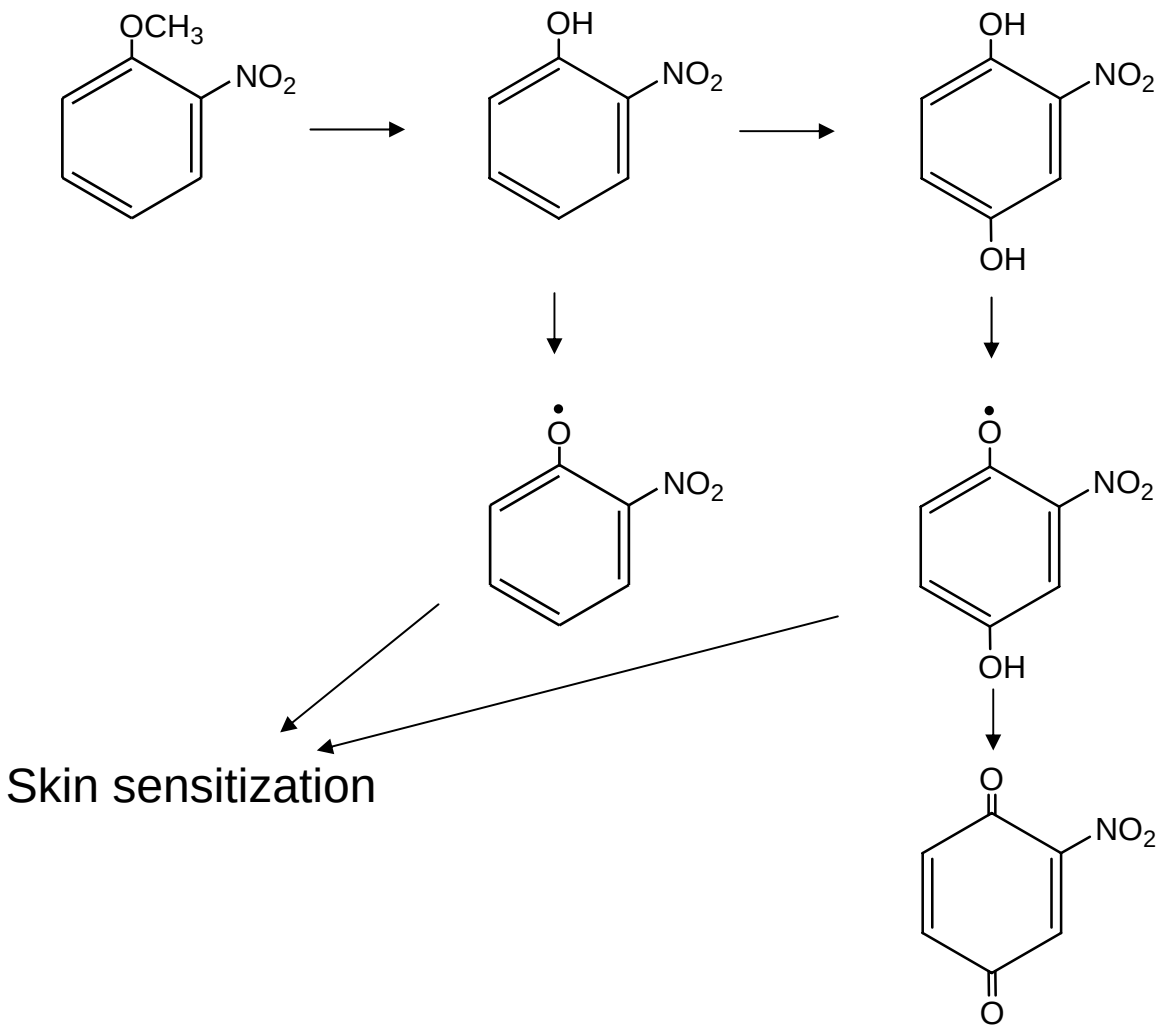
芳香族アミン化合物の代謝と肝毒性



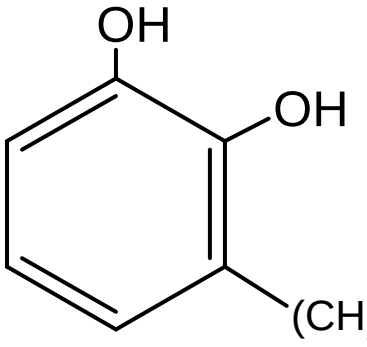
GSH: glutathione

フェノールの代謝と毒性

Skin sensitization



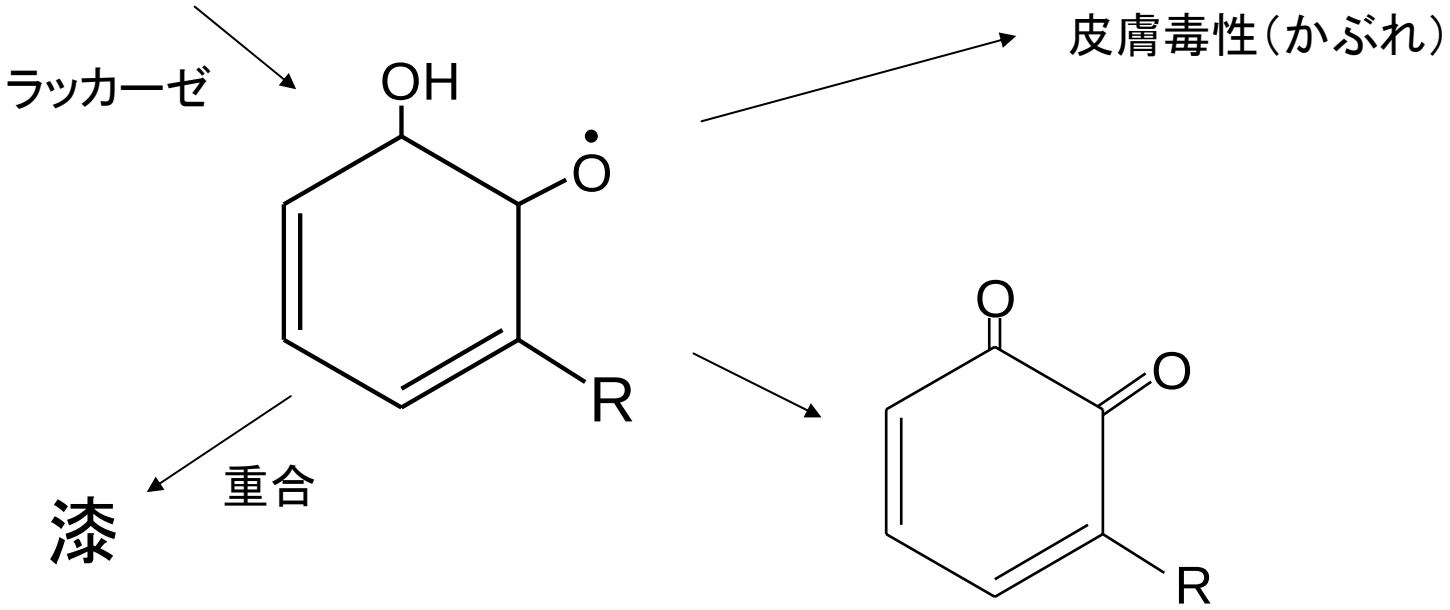
ウルシオールの皮膚毒性



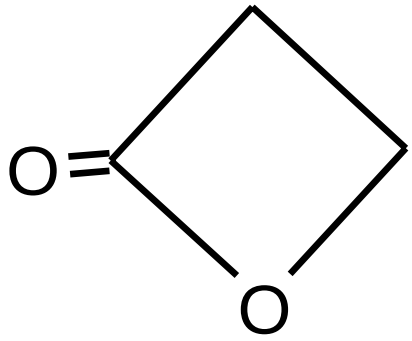
ウルシオール類

$(CH_2)_7CH{=}CH(CH_2)_5CH_3$

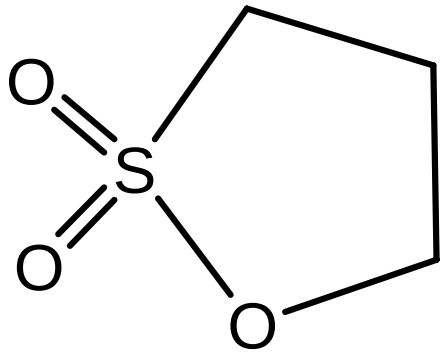
$(CH_2)_7CH{=}CH(CH_2)_2CH{=}CH(CH_2)_2CH_3$ 他



DEREKによる毒性Search



β -プロピオラクトン

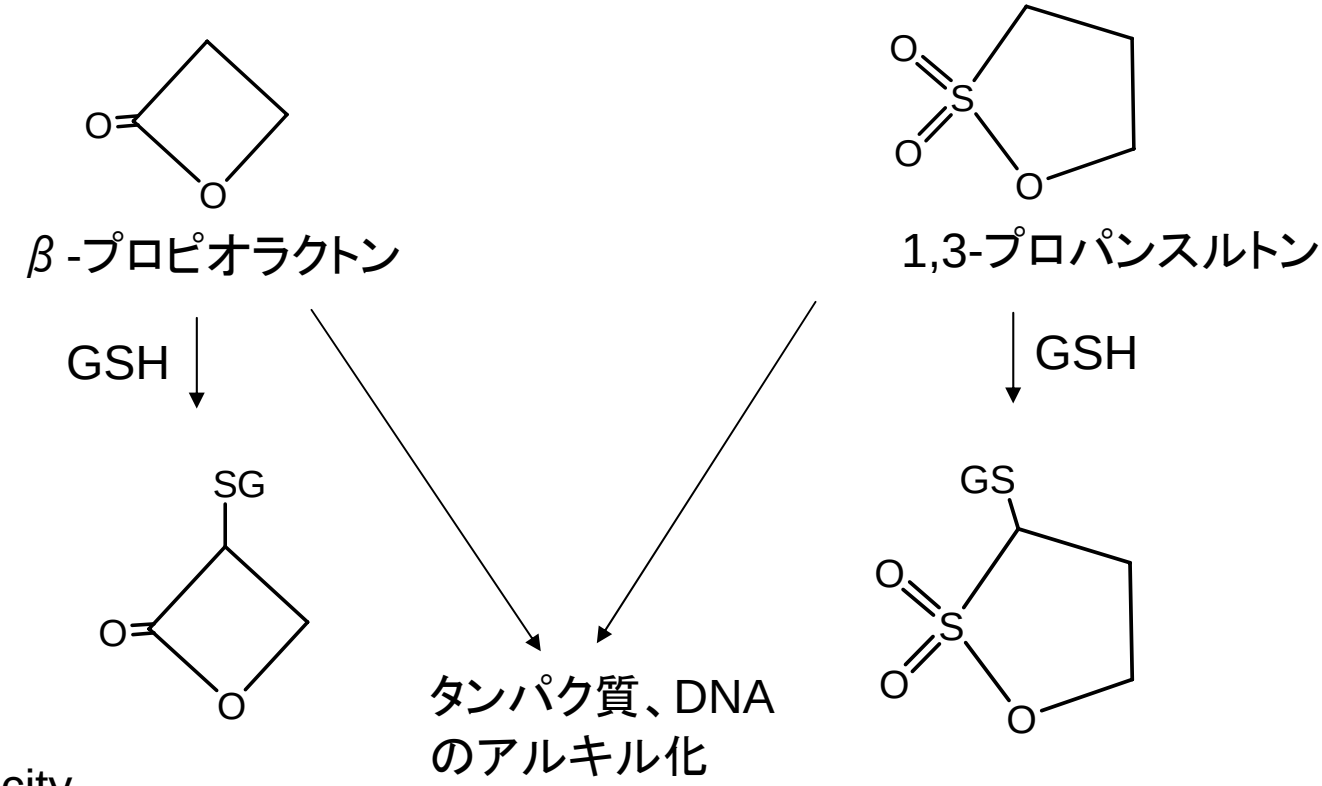


1,3-プロパンスルトン

DEREKのAlert
Carcinogenicity
Mutagenicity
Teratogenicity
Skin sensitization

GSH: glutathione

アルキル化剤の代謝と毒性



Carcinogenicity
Mutagenicity
Teratogenicity
Skin sensitization

GSH: glutathione