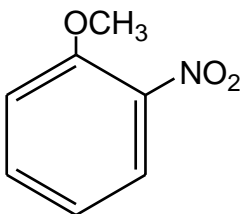


DEREKによる毒性Search

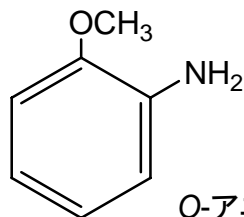
英国Lhasa社 (CTCラボラトリーシステムズ)

芳香族ニトロ化合物

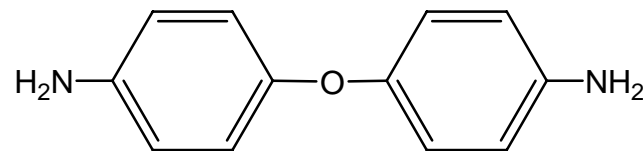


O-ニトロアニソール

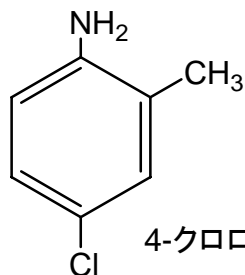
芳香族アミン化合物



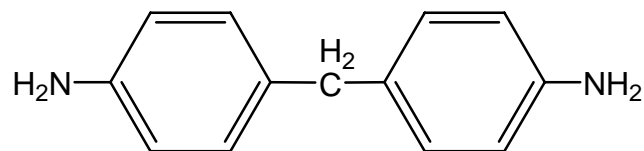
O-アニシジン



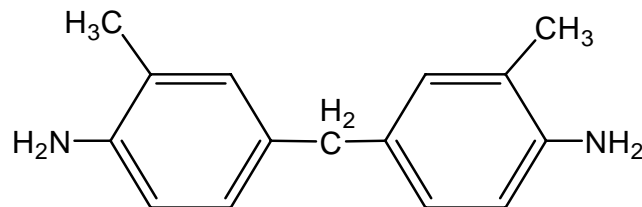
4,4' -ジアミノジフェニルエーテル



4-クロロ-2-メチルアニリン

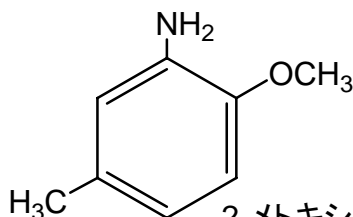


4,4' -ジフェニルメタンジアミン

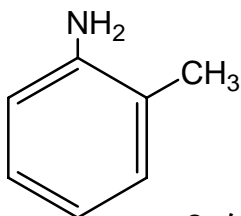


4,4' -ジアミノ-3,3' -ジメチルフェニルメタン

DEREKのAlert
Carcinogenicity
Chromosome damage
Mutagenicity
Methemoglobinemia
Hepatotoxicity
Skin sensitization



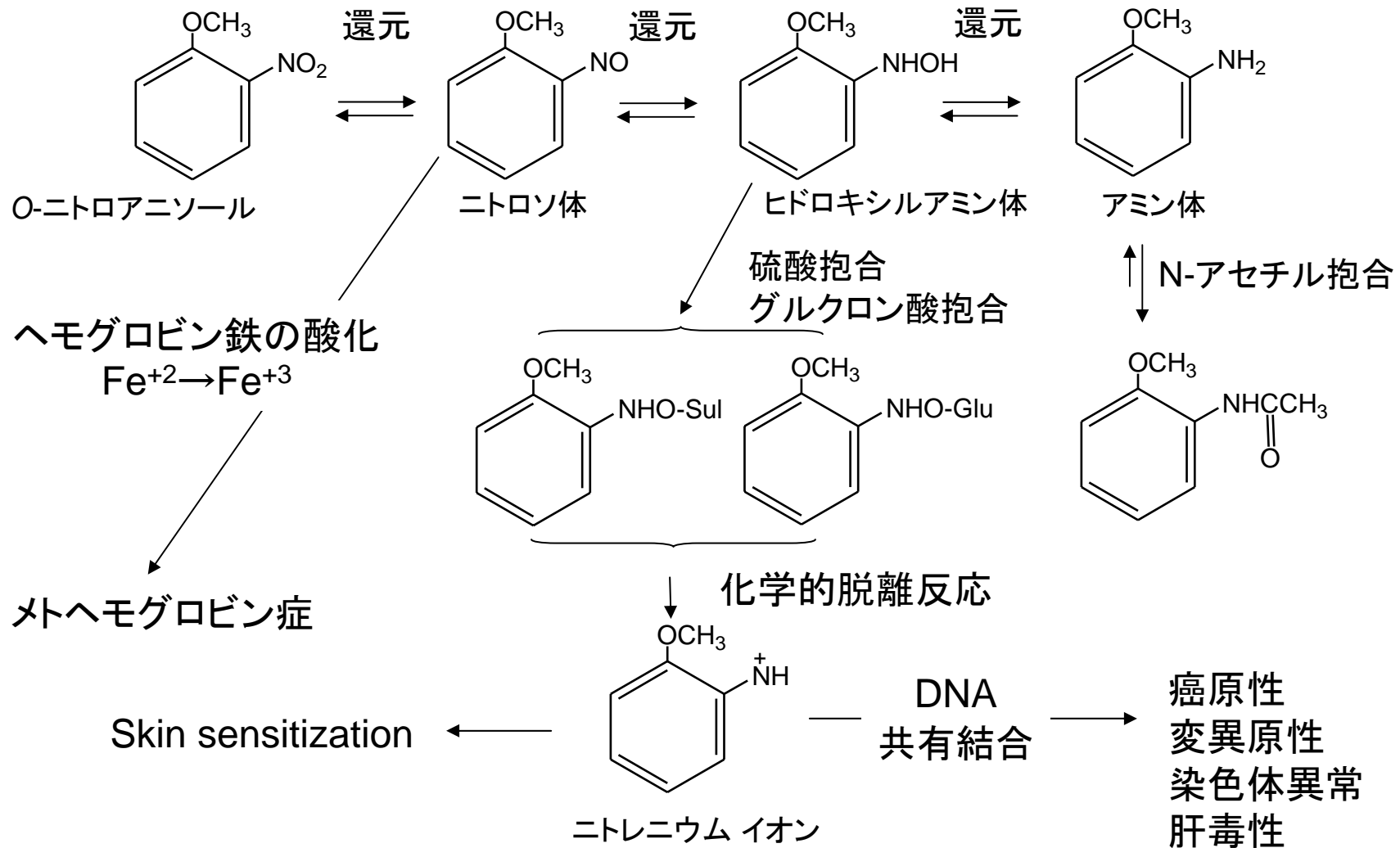
2-メトキシ-5-メチルアニリン



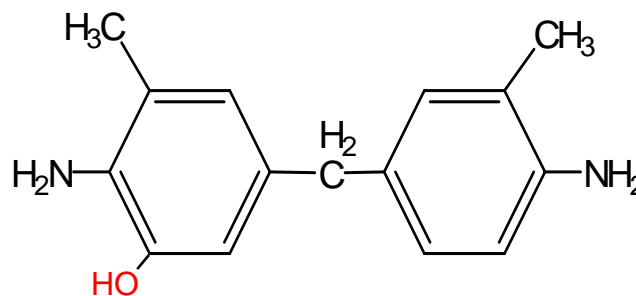
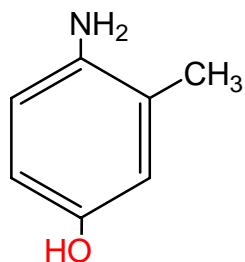
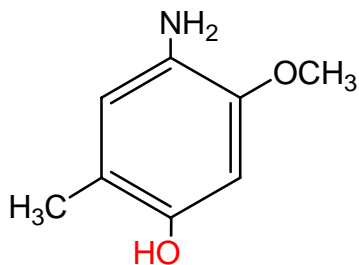
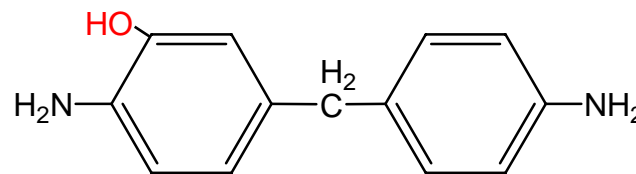
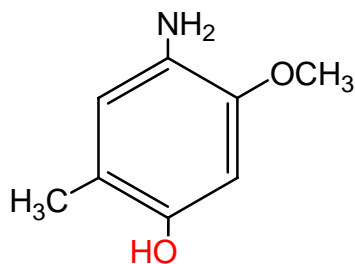
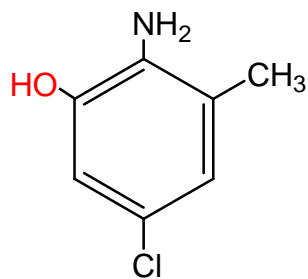
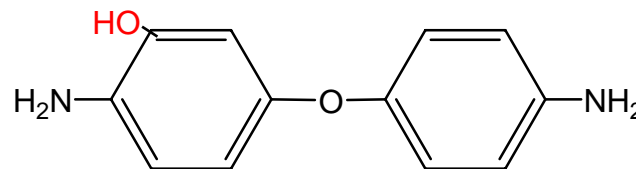
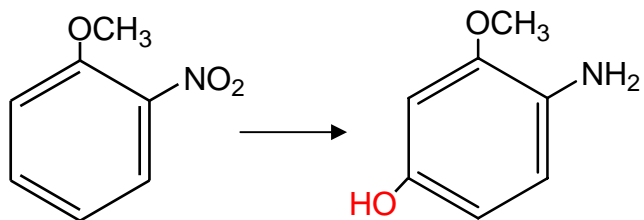
2-メチルアニリン

芳香族ニトロ化合物の代謝と毒性

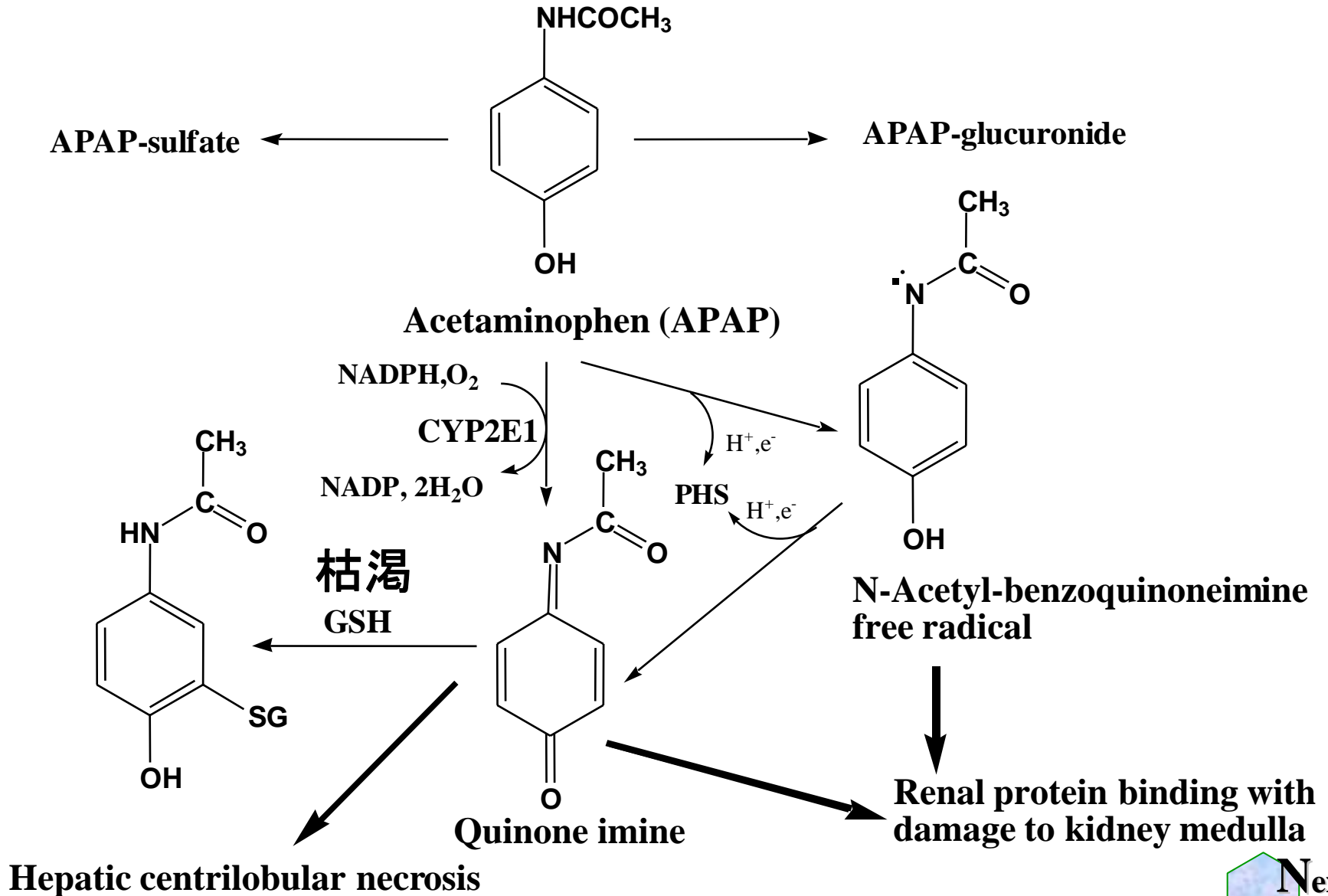
Carcinogenicity, Chromosome damage, Mutagenicity, Hepatotoxicity, Methemoglobinemia



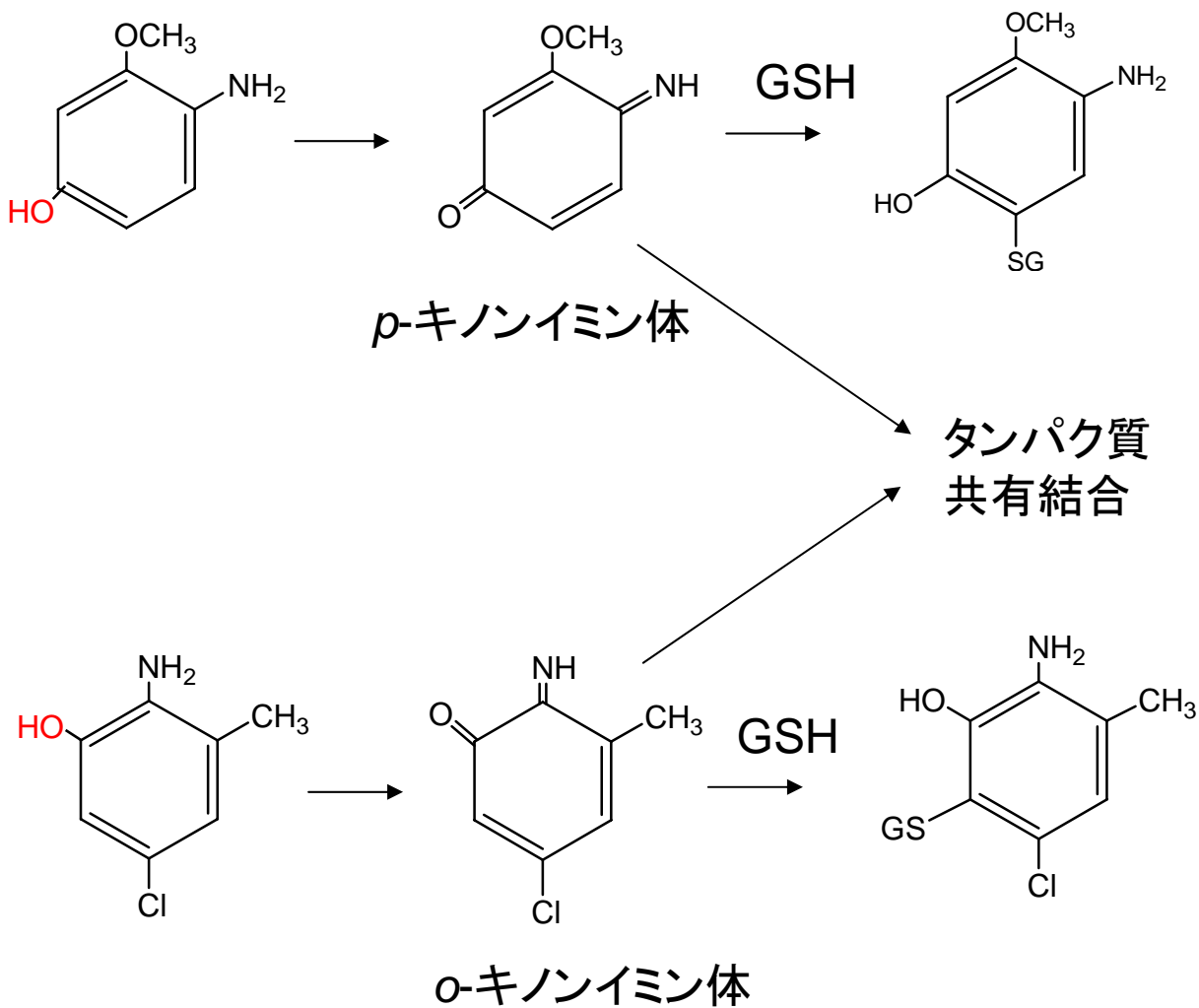
芳香族アミン化合物の代謝と肝毒性



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)

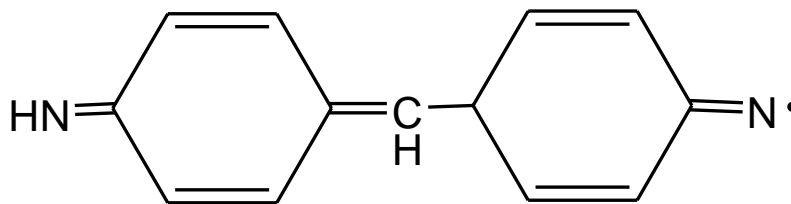
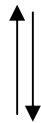
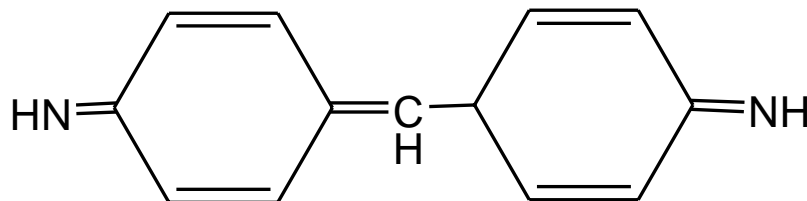
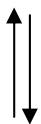
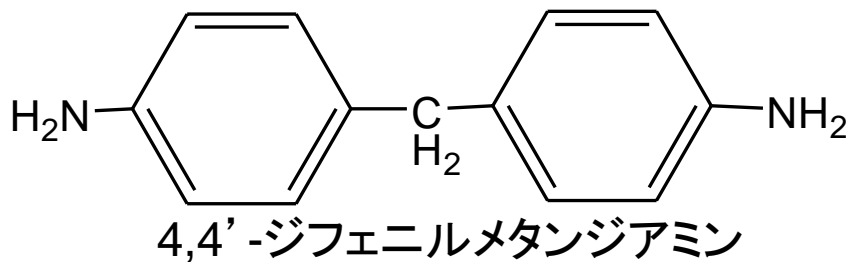


芳香族アミン化合物の代謝と肝毒性



GSH: glutathione

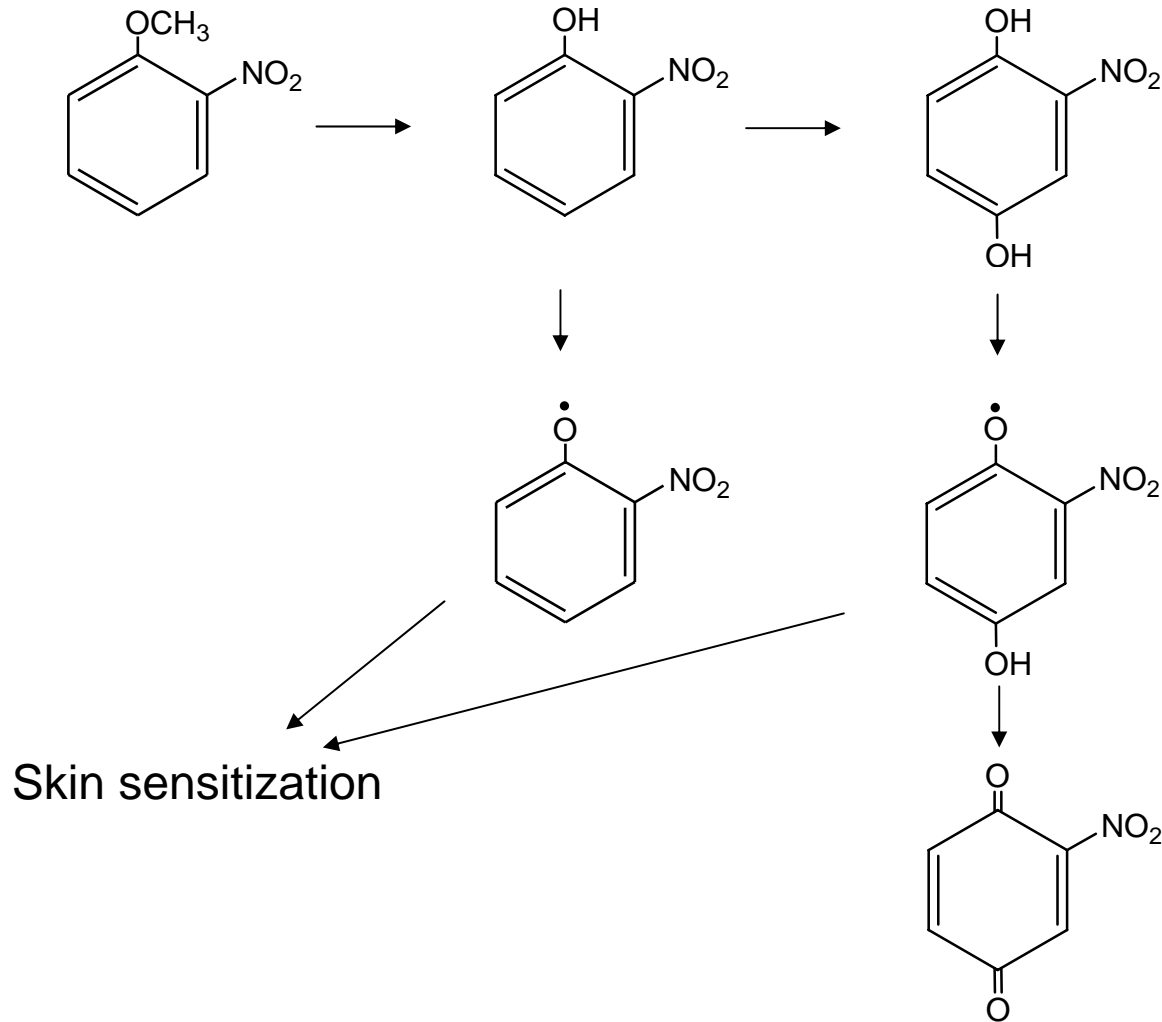
芳香族アミン化合物の代謝と肝毒性



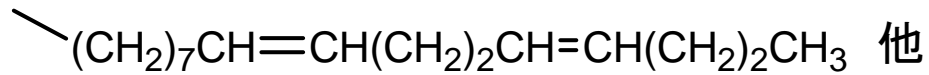
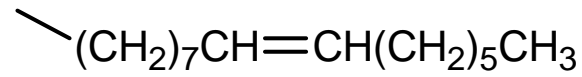
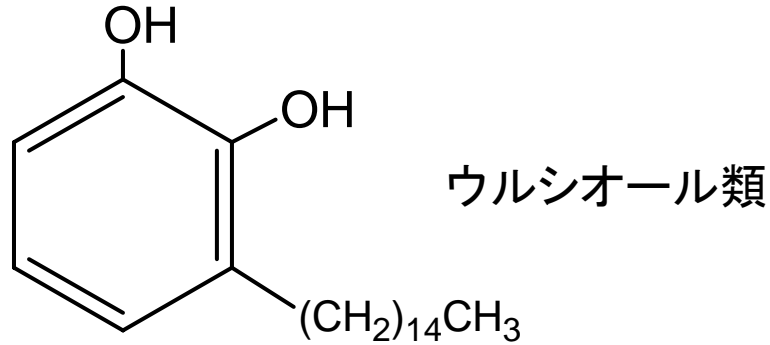
GSH: glutathione

フェノールの代謝と毒性

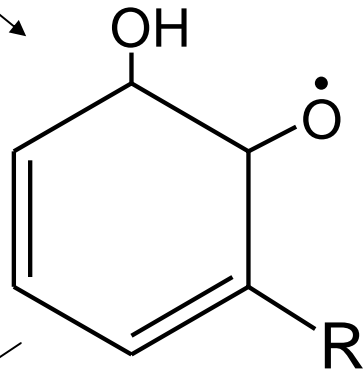
Skin sensitization



ウルシオール類の皮膚毒性



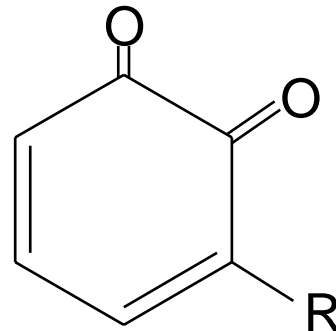
ラッカーゼ



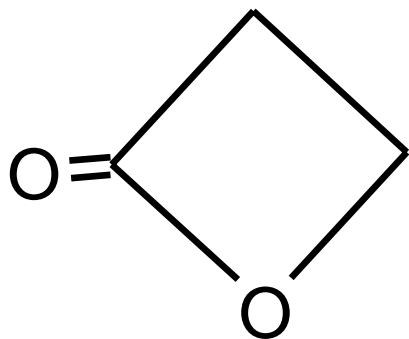
皮膚毒性(かぶれ)

漆

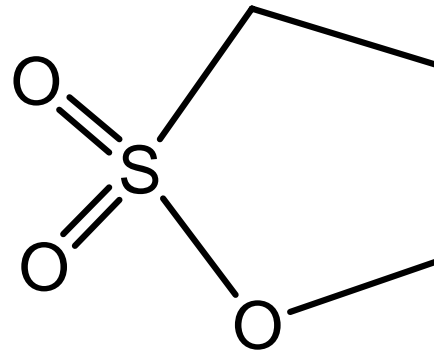
重合



DEREKによる毒性Search



β -プロピオラクトン

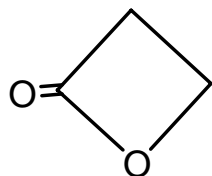


1,3-プロパンスルトン

DEREKのAlert
Carcinogenicity
Mutagenicity
Teratogenicity
Skin sensitization

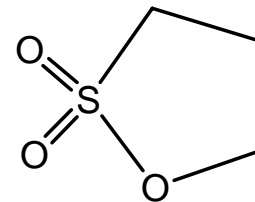
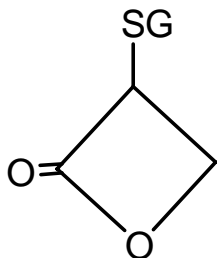
GSH: glutathione

アルキル化剤の代謝と毒性



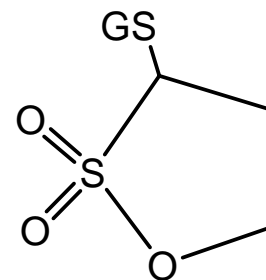
β -プロピオラクトン

GSH ↓



1,3-プロパンスルтон

GSH ↓



タンパク質、DNA
のアルキル化

Carcinogenicity
Mutagenicity
Teratogenicity
Skin sensitization

GSH: glutathione