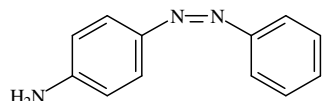
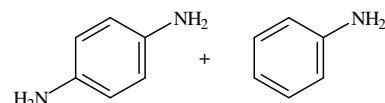


MISCELLANEOUS REACTIONS

Splitting of Azo Compounds

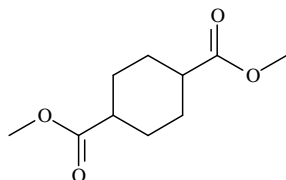


4-[(Z)-Phenyldiazenyl]aniline

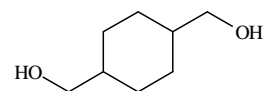


p-Phenylenediamine + Aniline

Hydrogenolysis

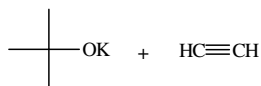
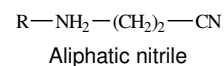
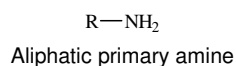


Cyclohexane-1,4-dicarboxylic acid dimethylester

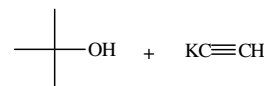


1,4-Bis-(hydroxymethyl)-cyclohexane (cis + trans)

Cyanoethylation

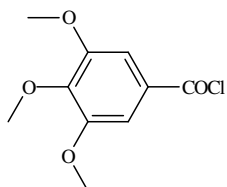


tert.-Butyl alcoholate (K) + Acetylene

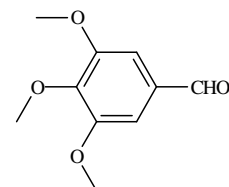


tert.-Butyl alcohol + Potassiumacetylide

Rosenmund-Reaction

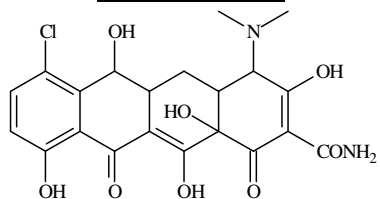


3,4,5-Trimethoxybenzoyl chloride

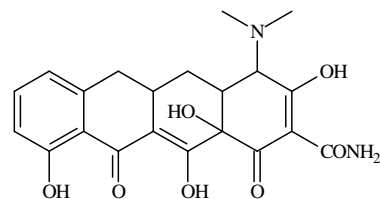


3,4,5-Trimethoxybenzaldehyde

Dechlorination



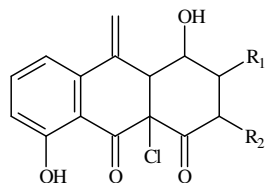
7-Chlorotetracycline



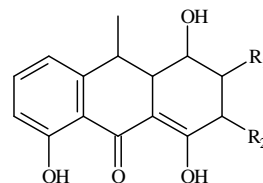
Sancycline

MISCELLANEOUS REACTIONS

Hydrogenation / Dechlorination

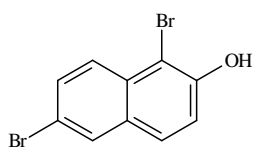


9a-Chloro-2,3-dialkyl-1,4,8-trihydroxy-10-methylene-1,3,4,4a,9a,10-hexahydroanthracen-9(2H)-one

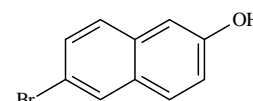


2,3-Dialkyl-1,4,8-trihydroxy-10-methyl-3,4,4a,10-tetrahydroanthracen-9(2H)-one

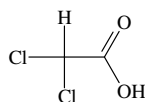
Dehalogenation



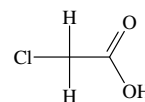
1,6-Dibromo- β -naphthol



6-Bromo- β -naphthol

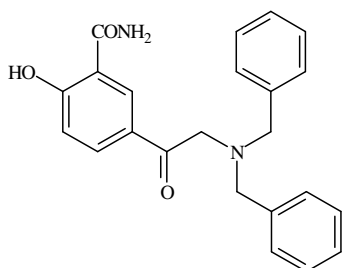


Dichloroacetic acid

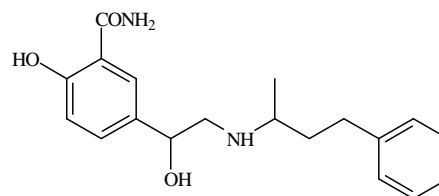
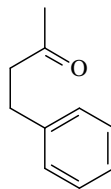


Monochloroacetic acid

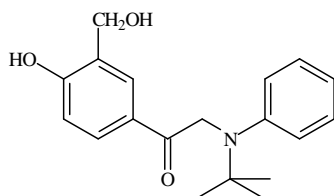
Debenzylation



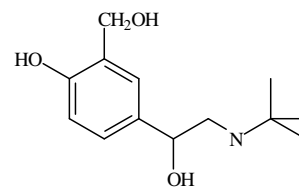
5-(*N,N*-Dibenzylglycyl)-2-hydroxybenzamide



2-Hydroxy-5-[(1-hydroxy-2-[(1-methyl-3-phenylpropyl)amino]ethyl]benzoyl]benzamide
Labetalol



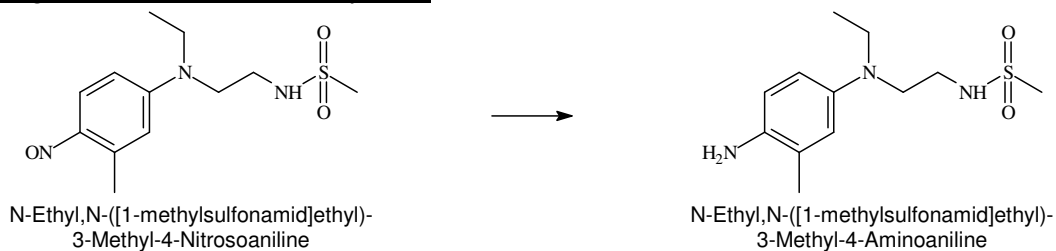
5-[*N*-(*tert*-Butyl)-*N*-phenylglycyl]-2-hydroxybenzamide



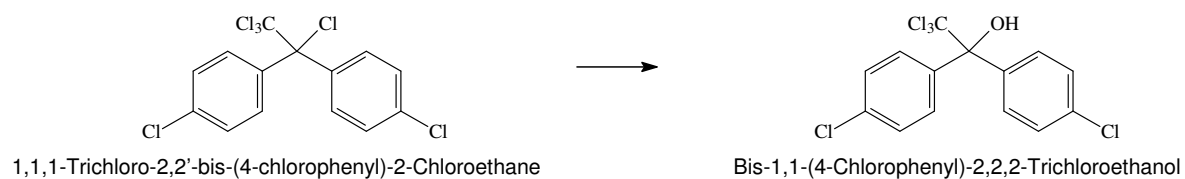
4-[2-(*tert*-butylamino)-1-hydroxyethyl]-2-(hydroxymethyl)phenol
Albuterol

MISCELLANEOUS REACTIONS

Hydrogenation of Nitroso-Compound

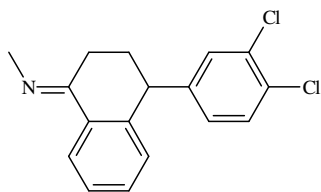


Hydrolysis

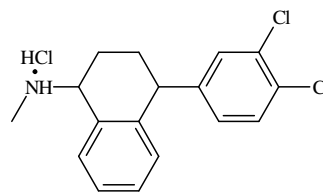


MISCELLANEOUS REACTIONS

Hydrogenation / Hydrochlorination

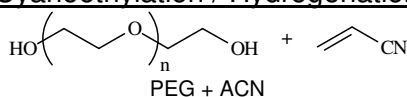


N-[4-(3,4-Dichlorophenyl)-2,4-dihydro-1-naphthylidene]-methylamine

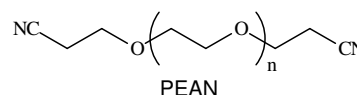


4-(3,4-Dichlorophenyl)-1,2,3,4-Tetrahydro-N-Methyl-naphthalenamine hydrochloride

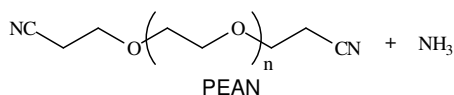
Cyanoethylation / Hydrogenation



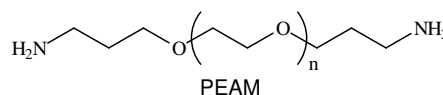
PEG + ACN



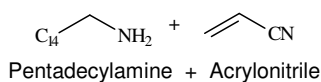
PEAN



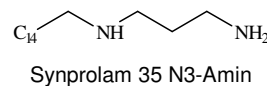
PEAN



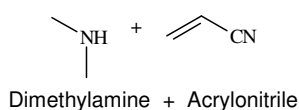
PEAM



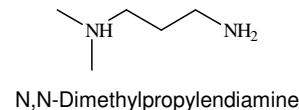
Pentadecylamine + Acrylonitrile



Synprolam 35 N3-Amin

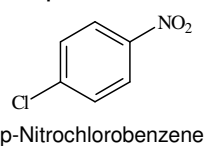


Dimethylamine + Acrylonitrile

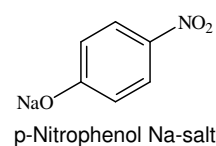


N,N-Dimethylpropylendiamine

Saponification

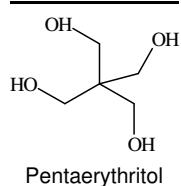


p-Nitrochlorobenzene

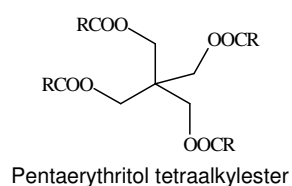


p-Nitrophenol Na-salt

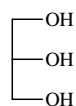
Esterification



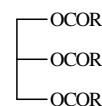
Pentaerythritol



Pentaerythritol tetraalkylester



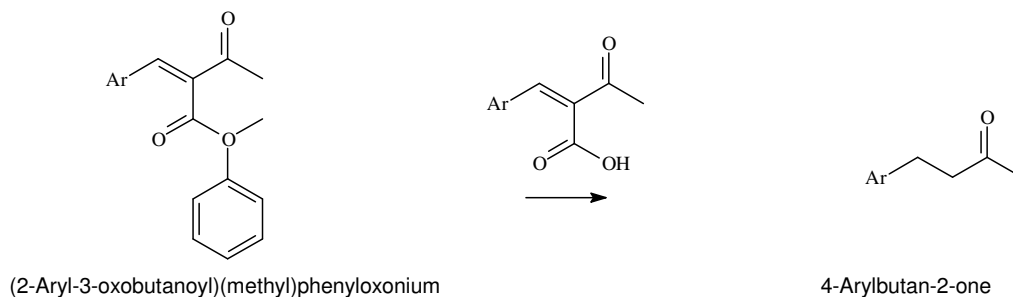
Glycerine



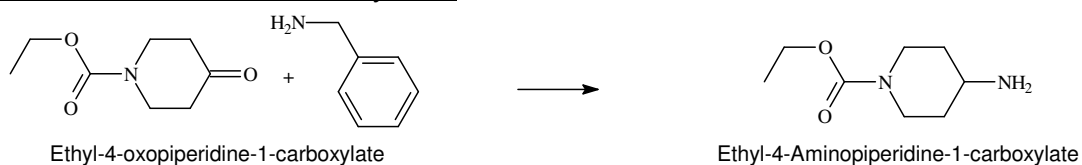
Glycerine trialkylester

MISCELLANEOUS REACTIONS

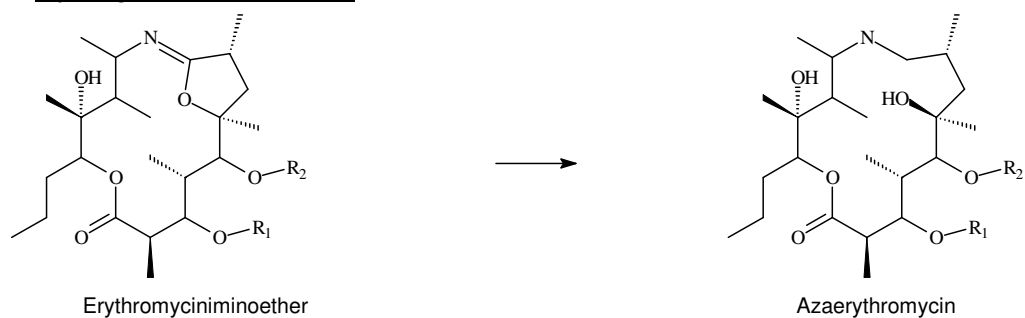
Debenzylation



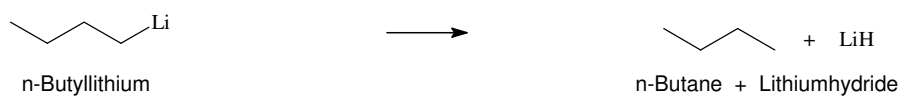
Reductive Amination / Debenzylation



Hydrogenation of Imines

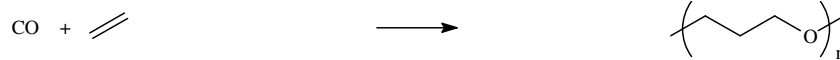


Hydrogenation of BuLi



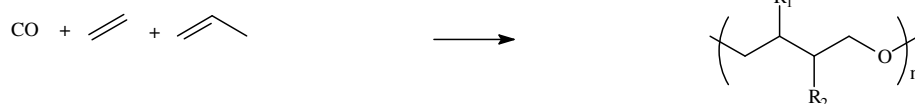
MISCELLANEOUS REACTIONS

Polymerisation



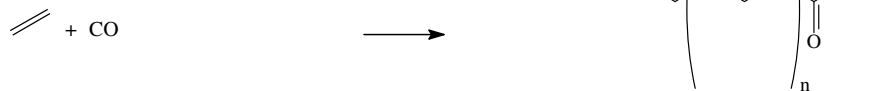
Carbonmonoxide + Ethylene

Carilon



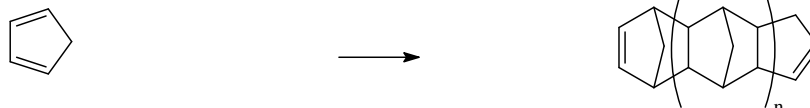
Carbonmonoxide + Ethylene + Propylene

Carilon P-1000 + R-1000

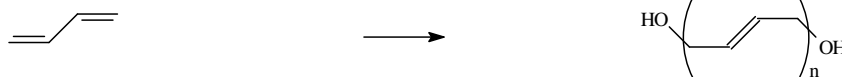


Ethylene + Carbonmonoxide

Polyketones

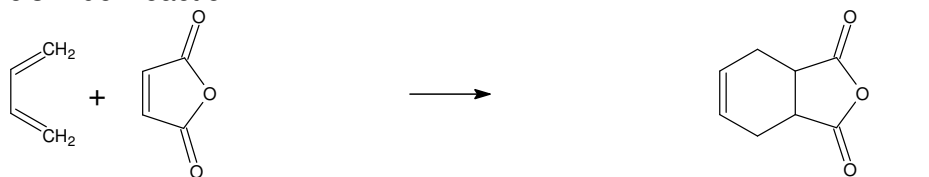


Cyclopentadiene



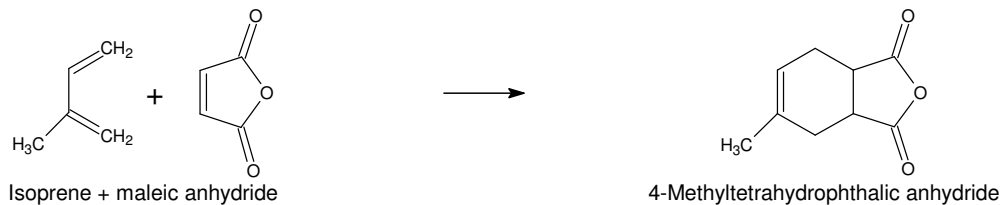
1,4-Butadiene

Diels-Alder-reaction



Butadiene + maleic anhydride

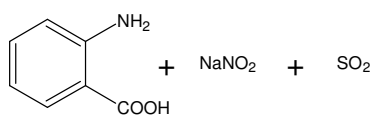
Tetrahydrophthalic anhydride



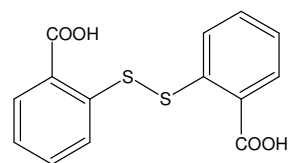
Isoprene + maleic anhydride

4-Methyltetrahydrophthalic anhydride

SO₂-Coupling reaction



Anthranilic acid



2,2-Dithiodibenzoic acid