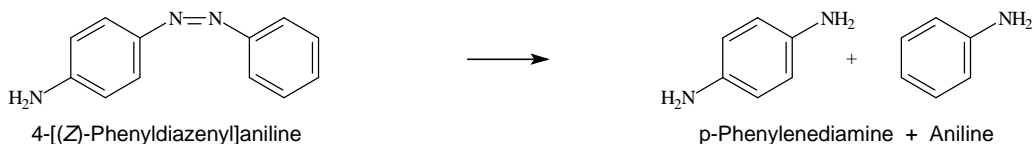
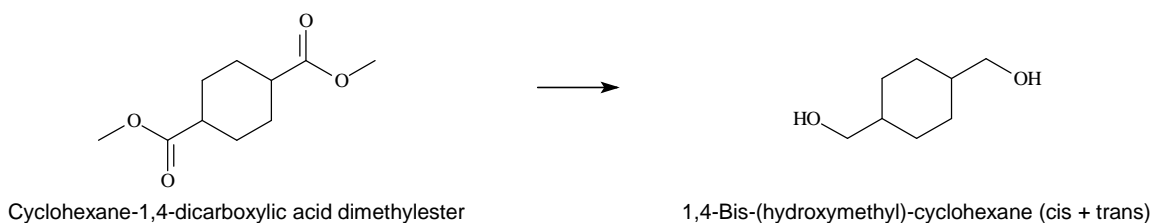


Artikel I. MISCELLANEOUS REACTIONS

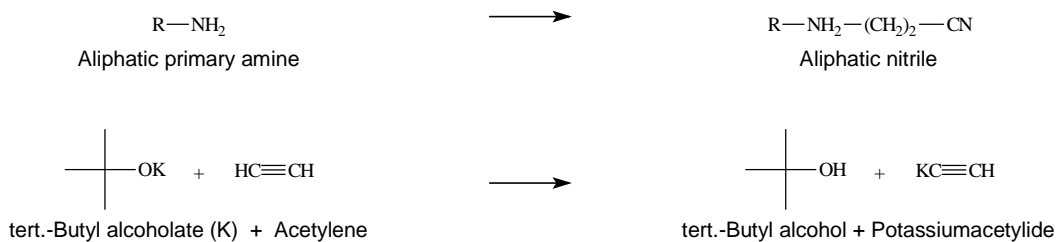
1) **Splitting of Azo Compounds**



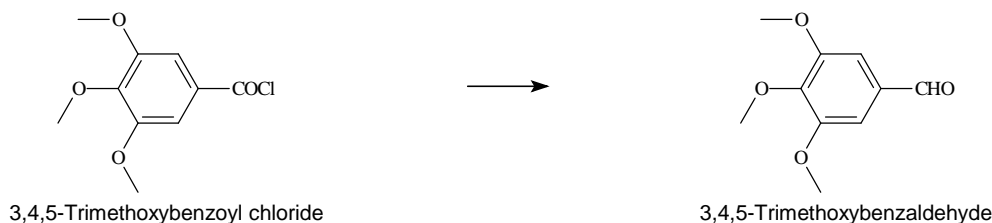
2) **Hydrogenolysis**



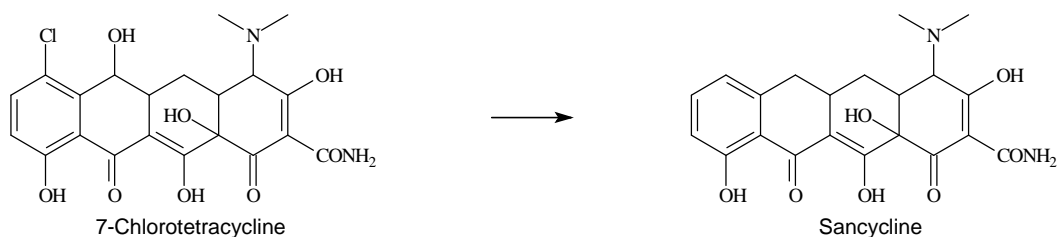
3) **Cyanoethylation**



4) **Rosenmund-Reaction**

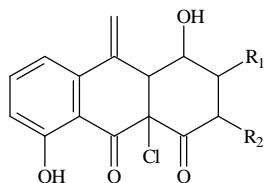


5) **Dechlorination**

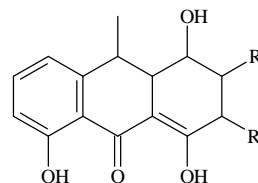


Artikel II. MISCELLANEOUS REACTIONS

1) Hydrogenation / Dechlorination

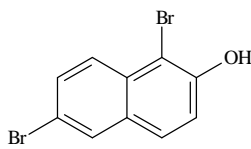


9a-Chloro-2,3-dialkyl-1,4,8-trihydroxy-10-methylene-1,3,4,4a,9a,10-hexahydroanthracen-9(2*H*)-one

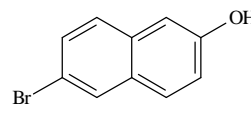


2,3-Dialkyl-1,4,8-trihydroxy-10-methyl-3,4,4a,10-tetrahydroanthracen-9(2*H*)-one

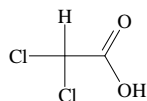
2) Dehalogenation



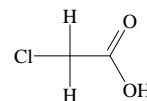
1,6-Dibromo-β-naphtol



6-Bromo-β-naphtol

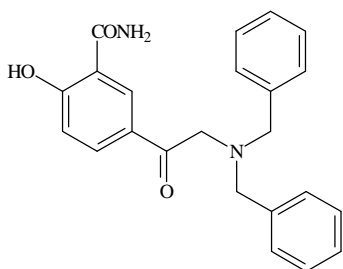


Dichloroacetic acid

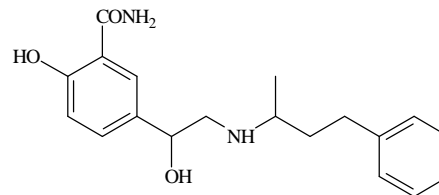
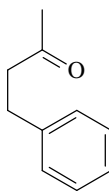


Monochloroacetic acid

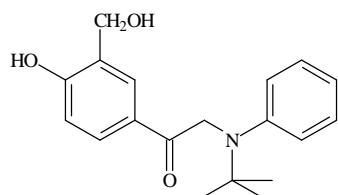
3) Debenzylation



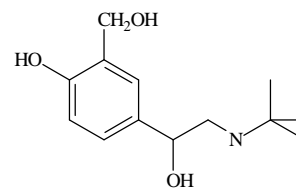
5-(*N,N*-Dibenzylglycyl)-2-hydroxybenzamide



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



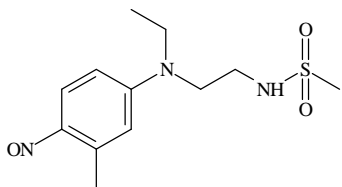
5-[*N*-(*tert*-Butyl)-*N*-phenylglycyl]-2-hydroxybenzamide



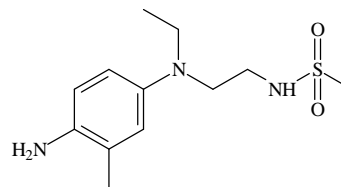
4-[2-(*tert*-butylamino)-1-hydroxyethyl]-2-(hydroxymethyl)phenol
Albuterol

Artikel III. MISCELLANEOUS REACTIONS

1) **Hydrogenation of Nitroso-Compound**

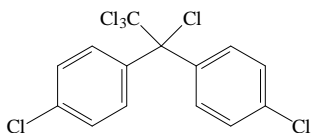


N-Ethyl, N-([1-methylsulfonamid]ethyl)-
3-Methyl-4-Nitrosoaniline

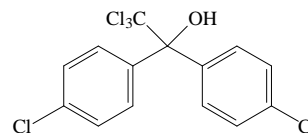


N-Ethyl, N-([1-methylsulfonamid]ethyl)-
3-Methyl-4-Aminoaniline

2) **Hydrolysis**



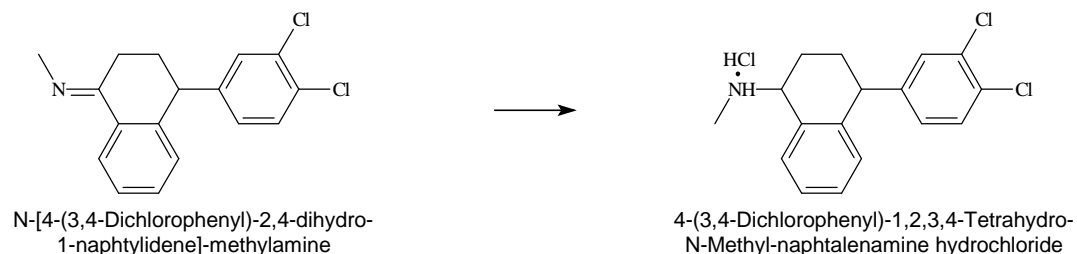
1,1,1-Trichloro-2,2'-bis-(4-chlorophenyl)-2-Chloroethane



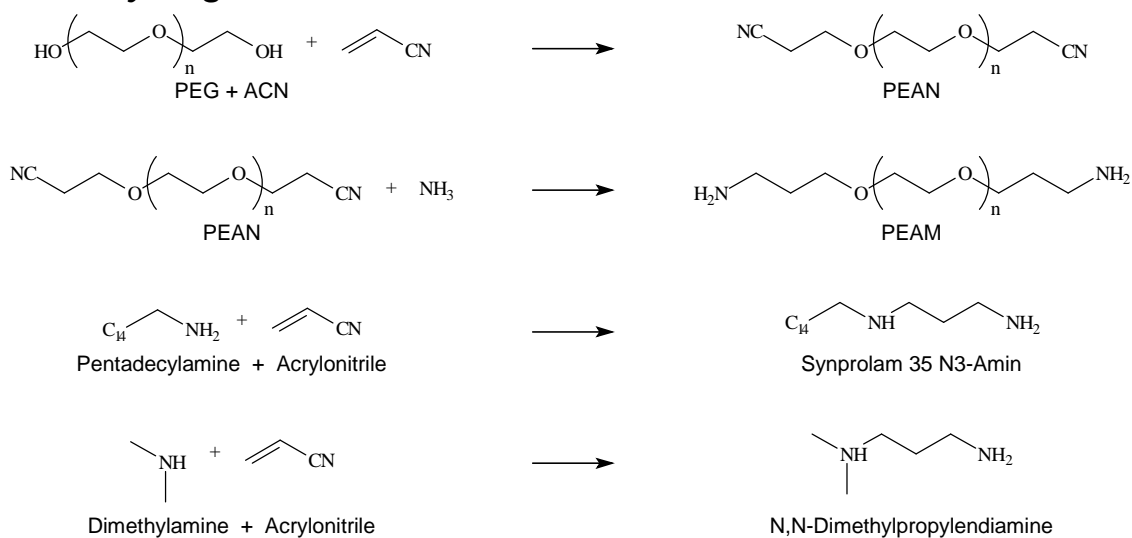
Bis-1,1-(4-Chlorophenyl)-2,2,2-Trichloroethanol

Artikel IV. MISCELLANEOUS REACTIONS

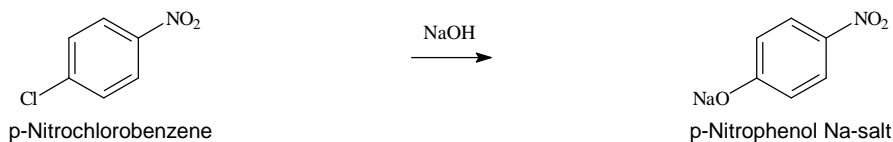
1) Hydrogenation / Hydrochlorination



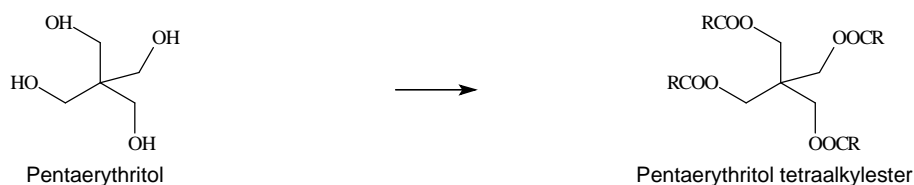
2) Cyanoethylation / Hydrogenation

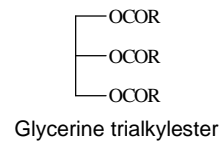
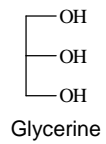


3) Saponification



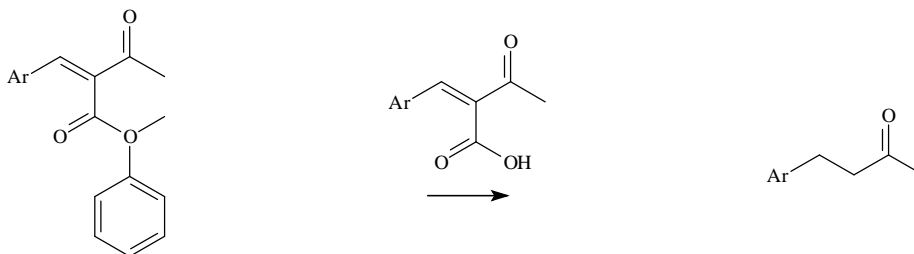
4) Esterification





Artikel V. MISCELLANEOUS REACTIONS

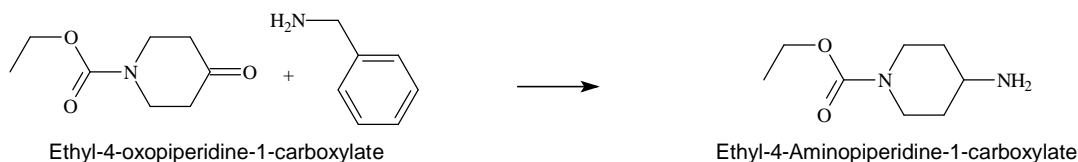
1) *Debenzylation*



(2-Aryl-3-oxobutanoyl)(methyl)phenyloxonium

4-Arylbutan-2-one

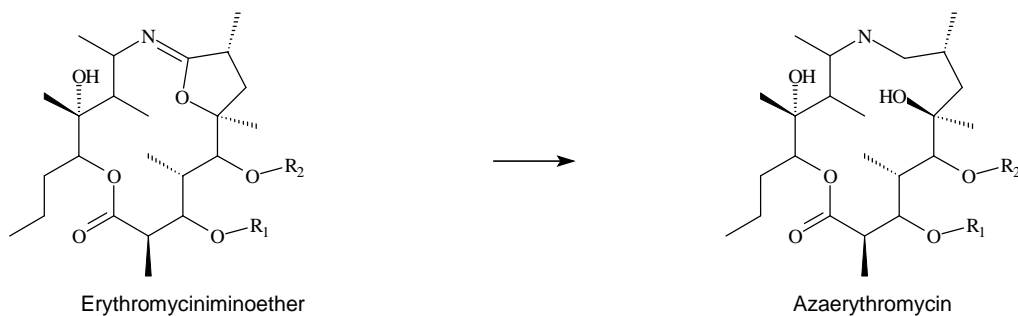
2) *Reductive Amination / Debenzylation*



Ethyl-4-oxopiperidine-1-carboxylate

Ethyl-4-Aminopiperidine-1-carboxylate

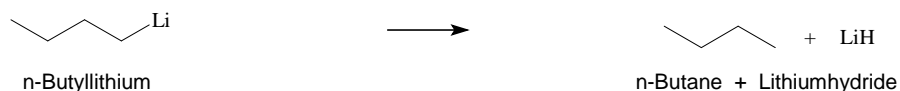
3) *Hydrogenation of Imines*



Erythromyciniminoether

Azaerythromycin

Hydrogenation of BuLi

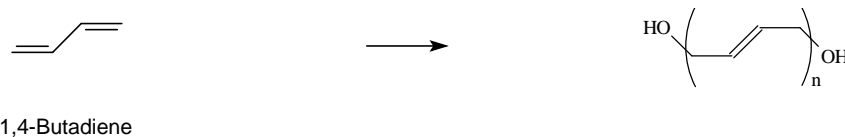
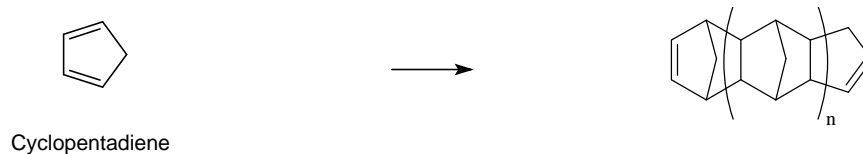
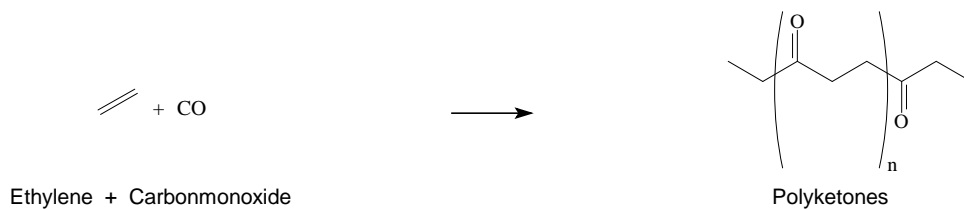
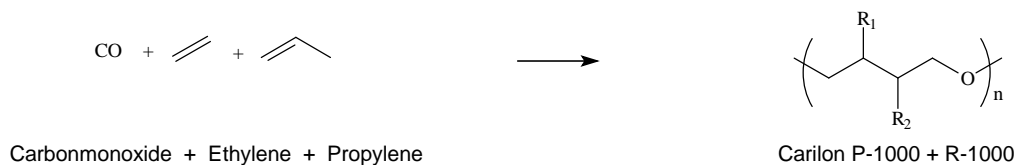


n-Butyllithium

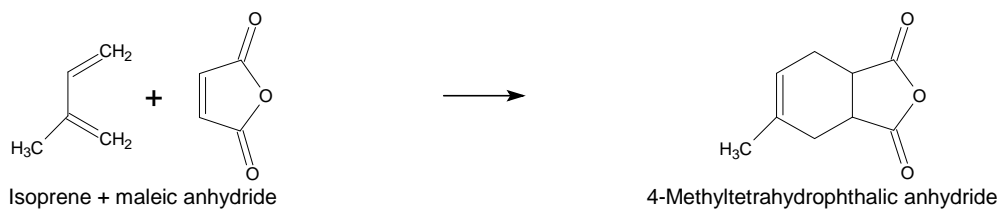
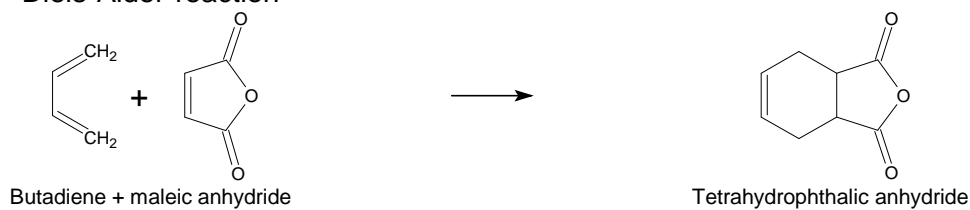
n-Butane + Lithiumhydride

Artikel VI. MISCELLANEOUS REACTIONS

Polymerisation



Diels-Alder-reaction



SO₂-Coupling reaction