



AS Level Organic Chemistry

Synthetic Routes

Download slides at ChemistryTuition.Net

Functional Groups met so far.

Alkanes

Alkenes

Haloalkanes

Alcohols

Aldehydes

Carboxylic
acids

Ketones

Functional Groups met so far.

Alkanes

Alkenes

Ketones



Aldehydes



Alcohols

Haloalkanes



Carboxylic acids



Making connections

Alkanes

Alkenes

Ketones

$C=C$

$RCOR$

Aldehydes

CHO

Alcohols

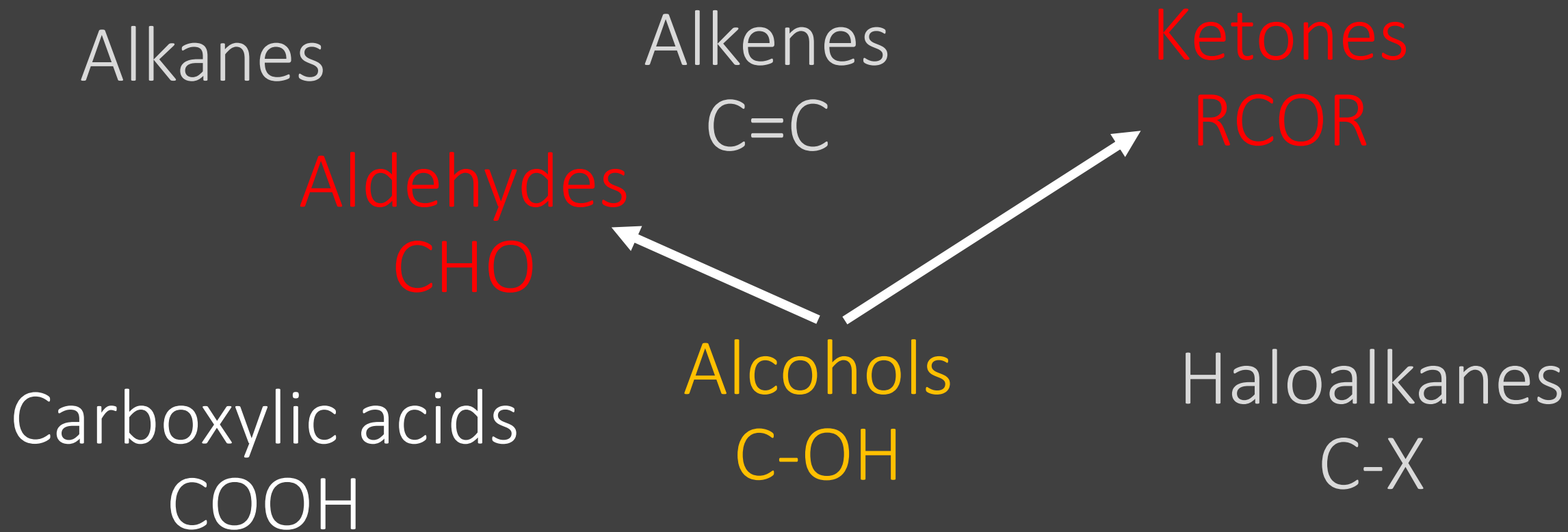
Haloalkanes

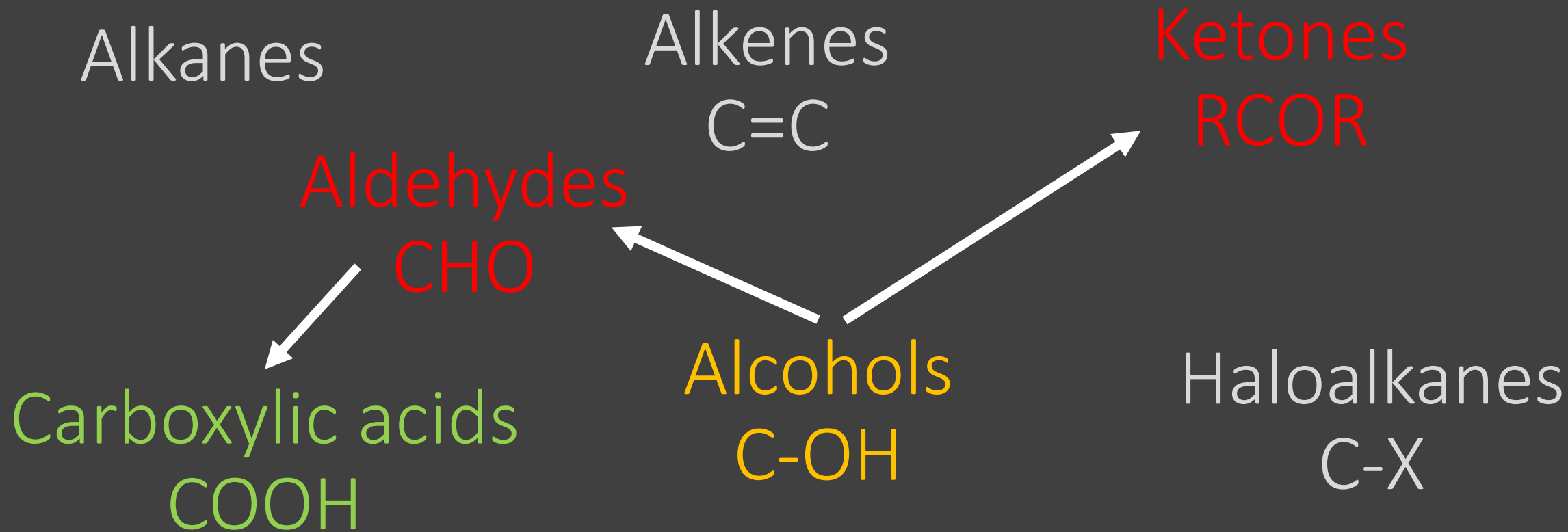
$C-OH$

$C-X$

Carboxylic acids

$COOH$





Alkanes

Alkenes



Ketones



Aldehydes



Alcohols



Haloalkanes



Carboxylic acids



Alkanes

Alkenes
 $C=C$

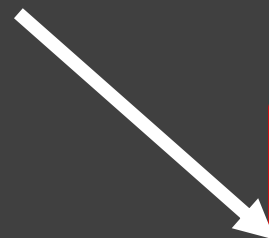
Alcohols
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Ketones
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Haloalkanes
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Aldehydes
 CHO

Carboxylic acids
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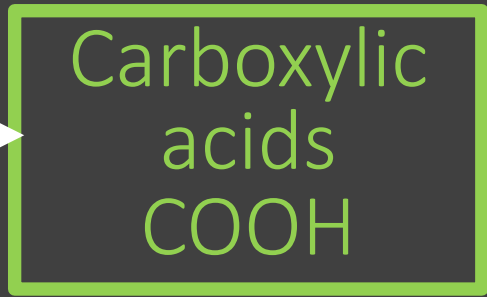


Alkanes

Alkenes
 $C=C$



Haloalkanes
 $C-X$



Alkanes

Alkenes
 $C=C$

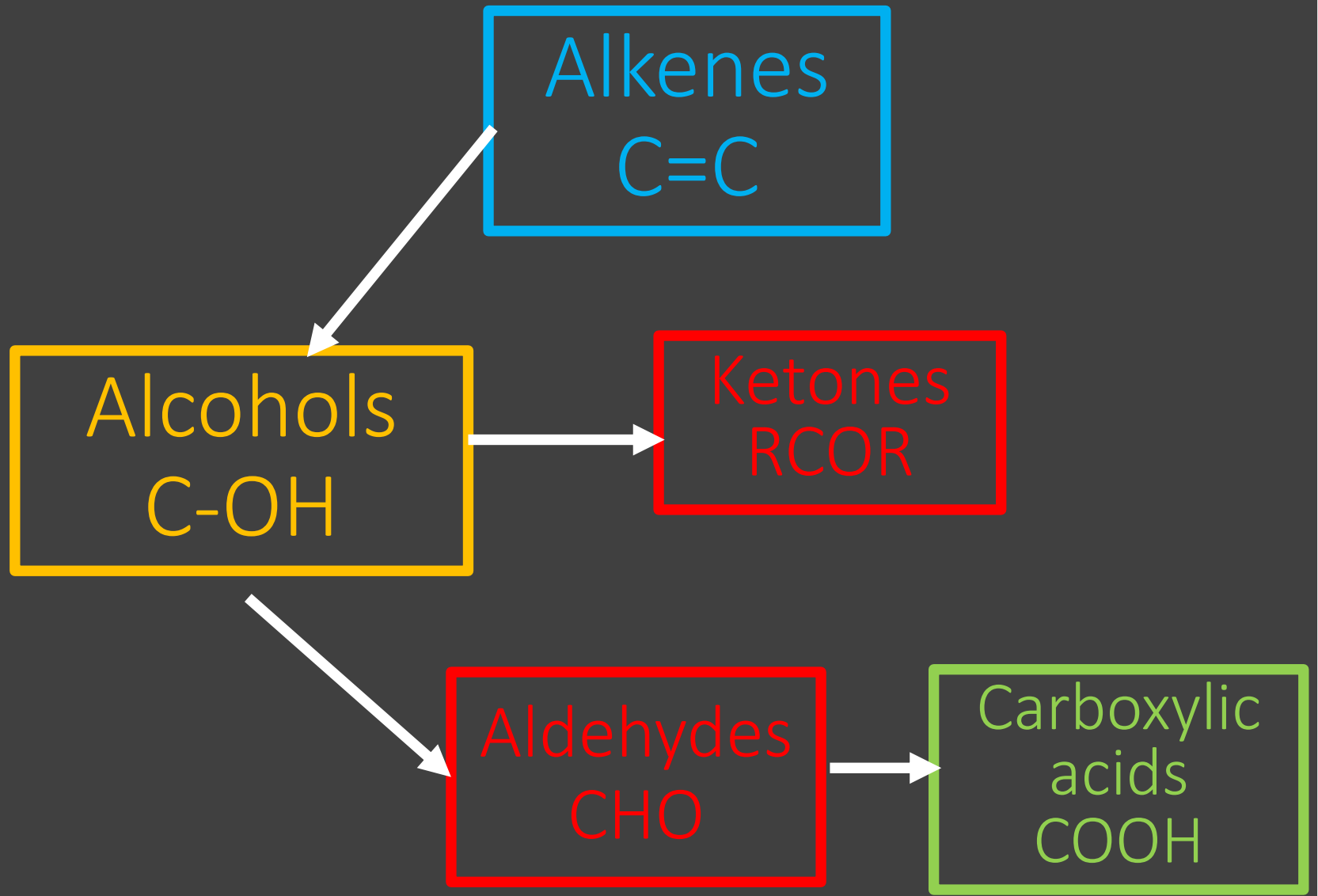
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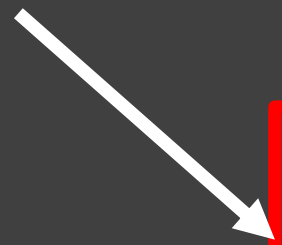
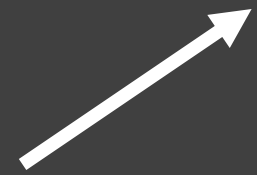
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Alkanes

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 $C=C$

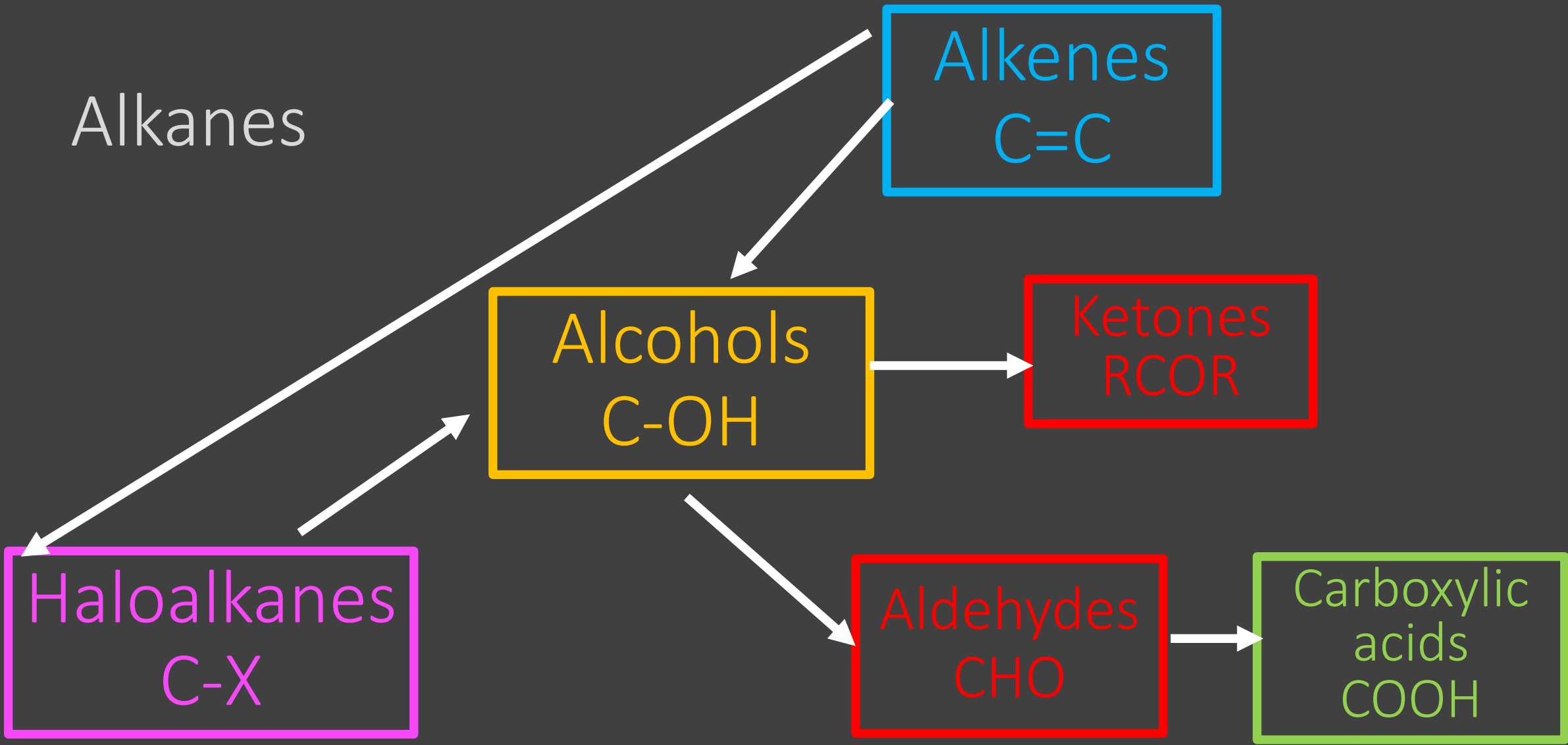
Alcohols
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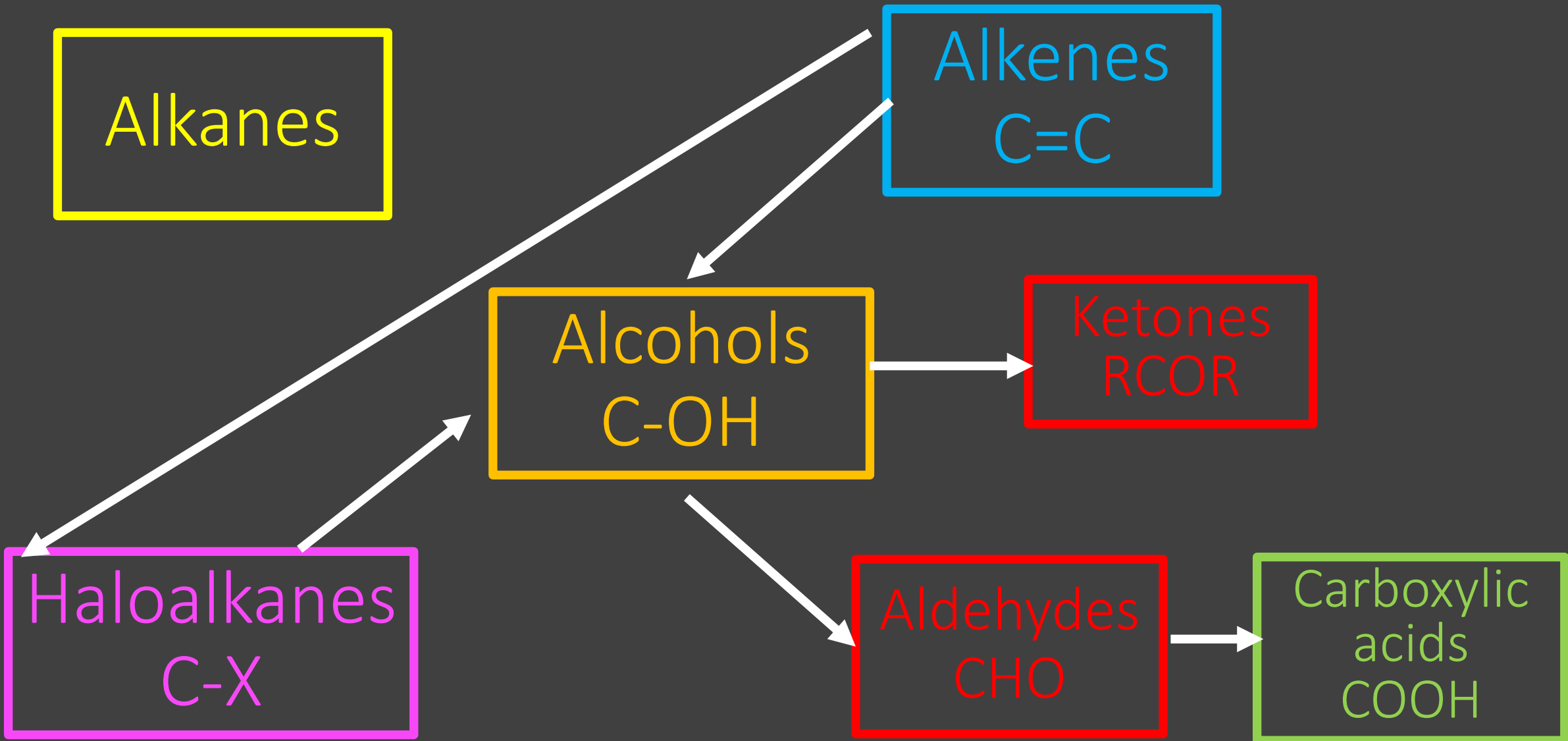
Alcohols
 $C-OH$

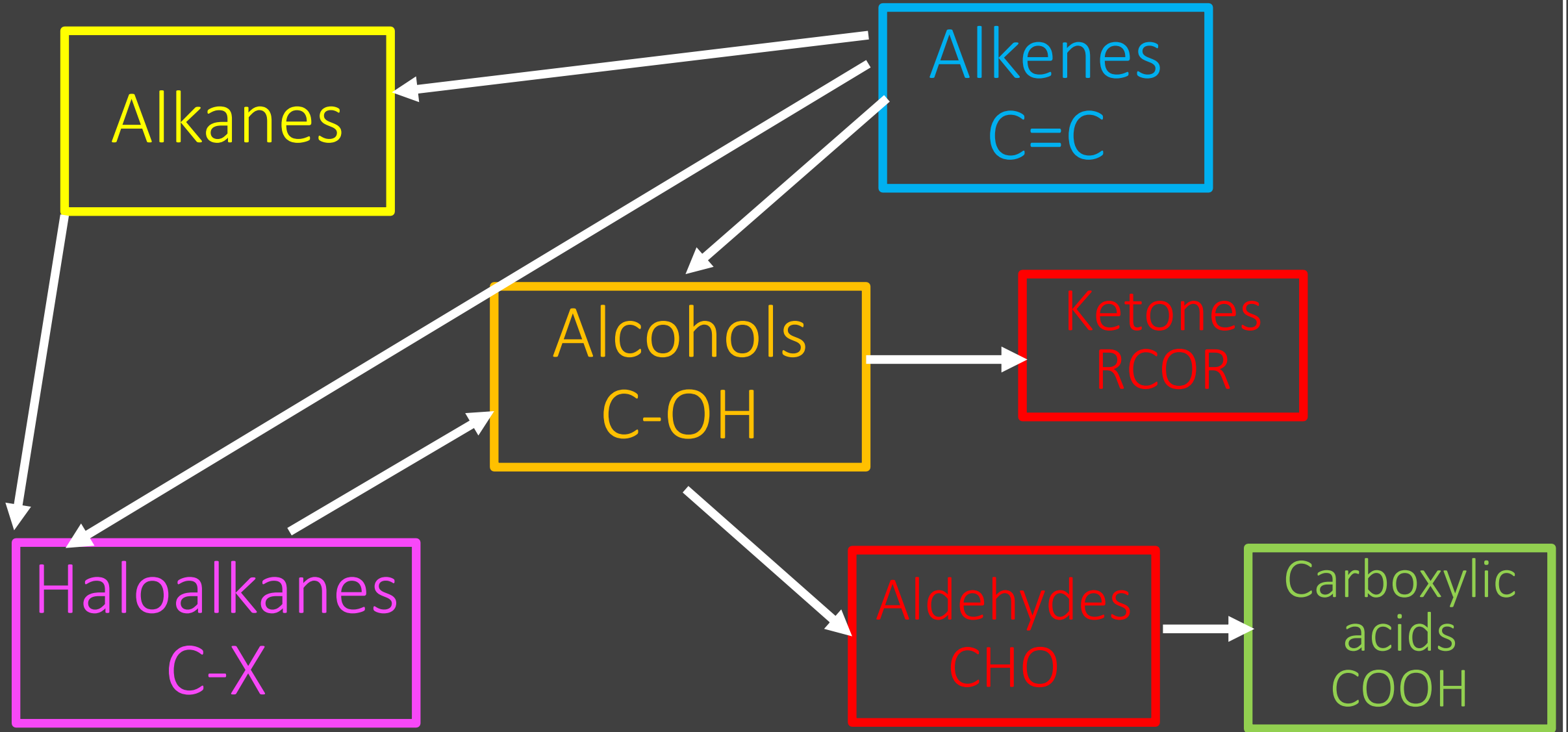
Ketones
 $RCOR$

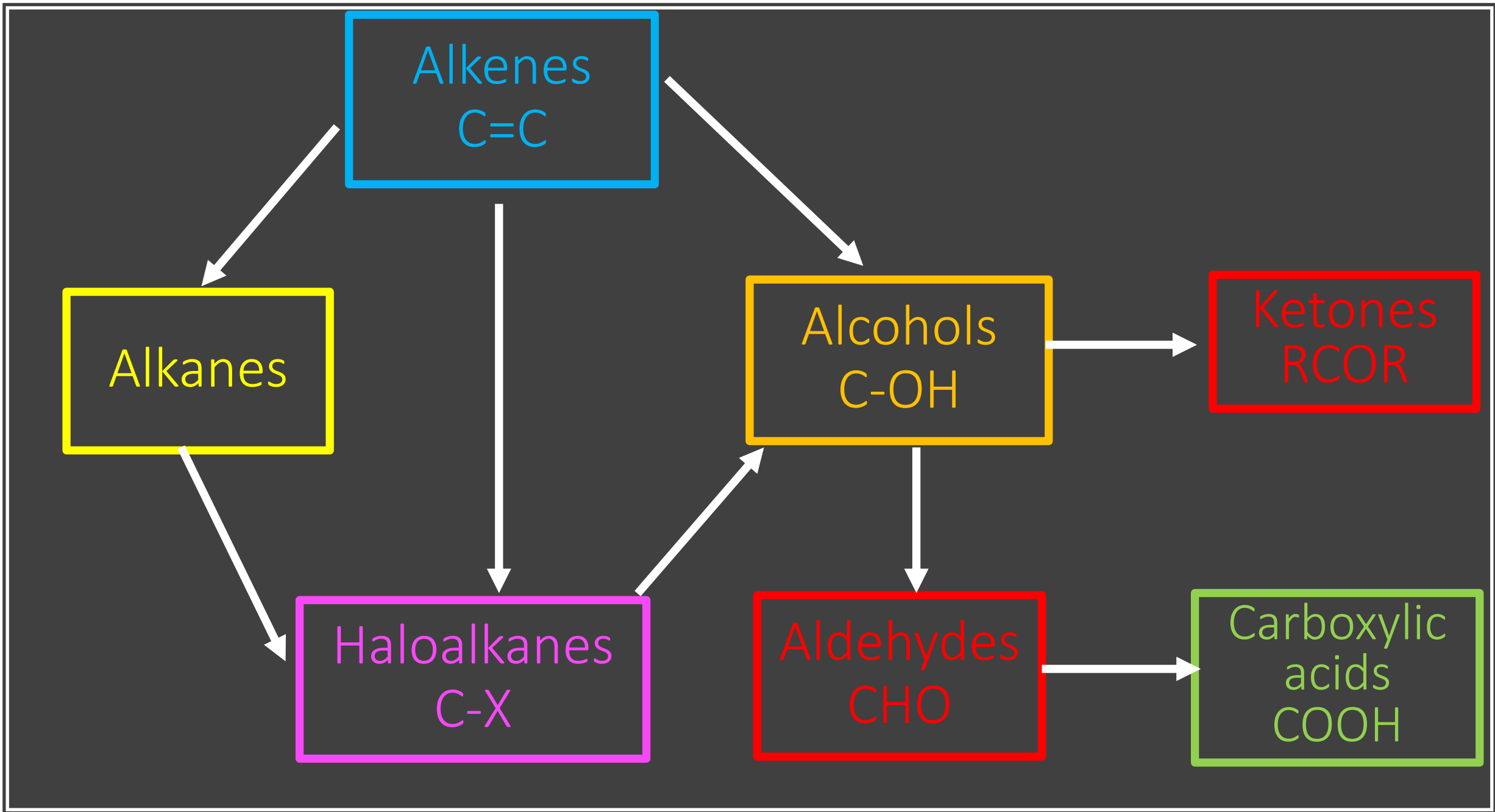
Haloalkanes
 $C-X$

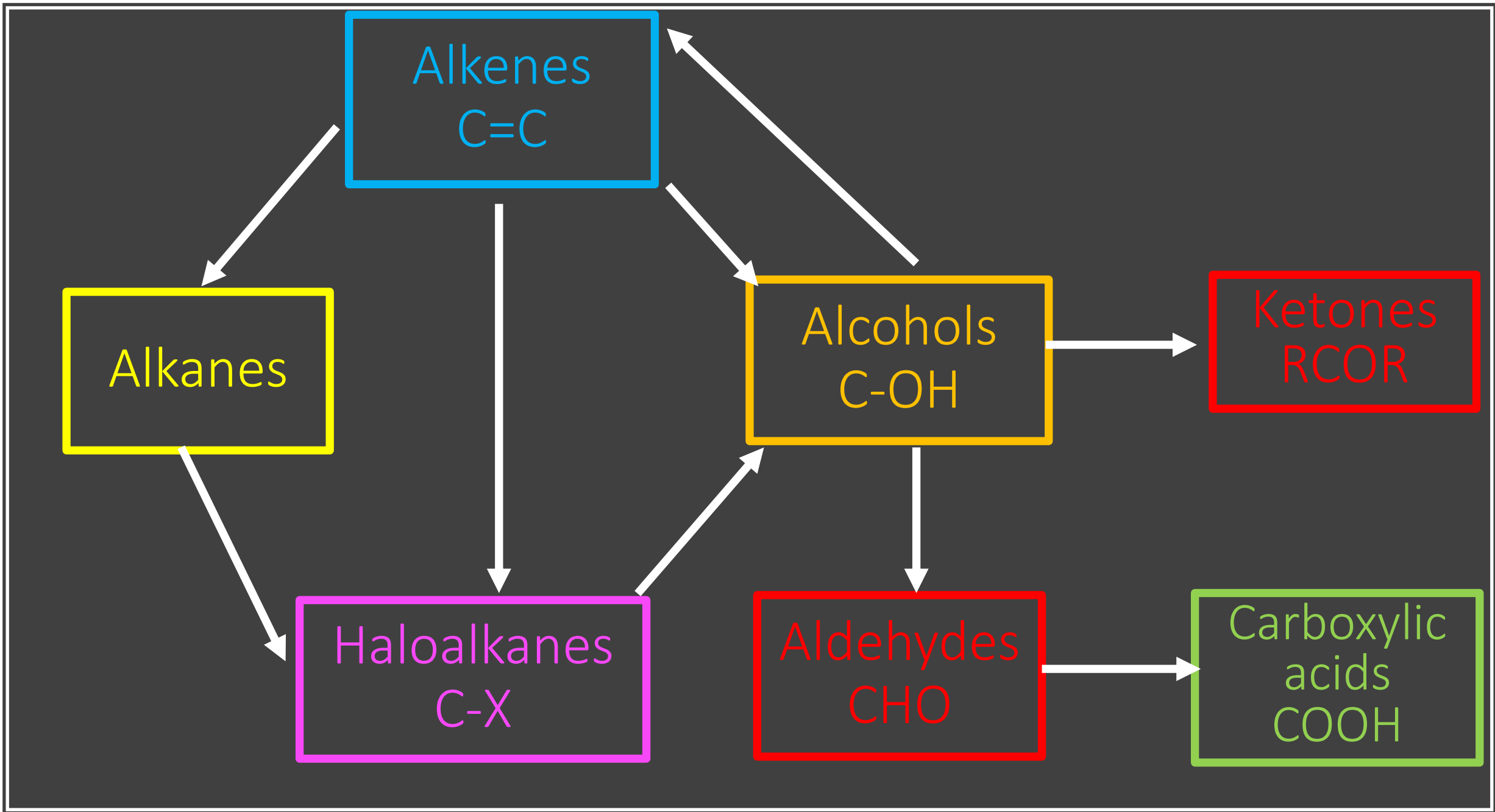
Aldehydes
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Carboxylic acids
 $COOH$









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