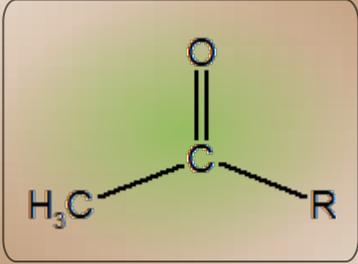


~~AC~~

Acetyl

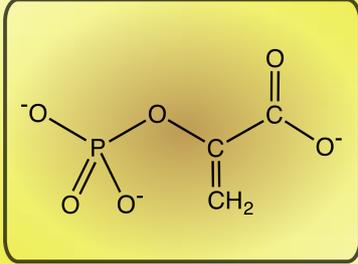


Acetyl

~~AC~~

~~PEP~~

Phosphoenolpyruvate

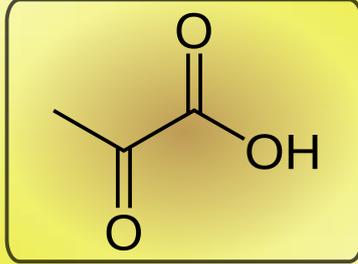


Phosphoenolpyruvate

~~PEP~~

~~PYR~~

Pyruvate

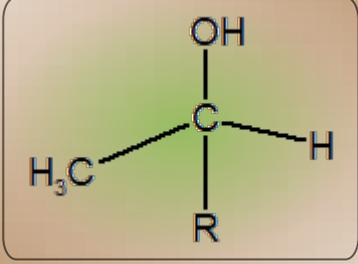


Pyruvate

~~PYR~~

~~HET~~

Hydroxyethyl

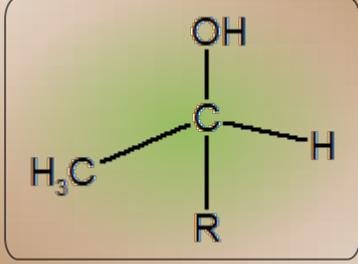


Hydroxyethyl

~~HET~~

~~HET~~

Hydroxyethyl

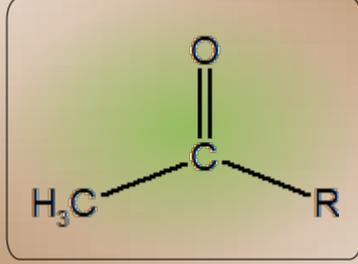


Hydroxyethyl

~~HET~~

~~AC~~

Acetyl

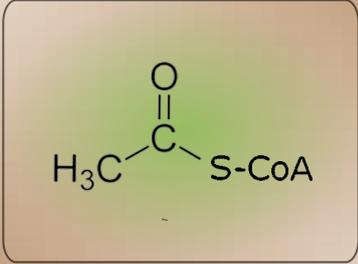


Acetyl

~~AC~~

~~ACOA~~ 

Acetyl Coenzyme A

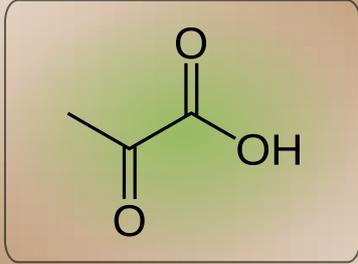


Acetyl Coenzyme A

~~ACOA~~

~~PYR~~ 

Pyruvate

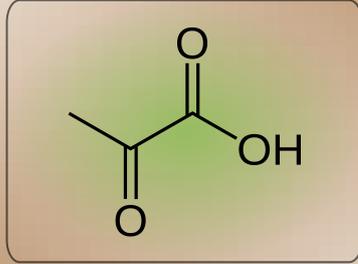


Pyruvate

~~PYR~~

~~PYR~~ 

Pyruvate

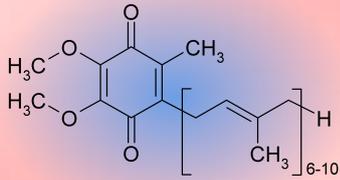


Pyruvate

~~PYR~~

UBI

Ubiquinone



Ubiquinone

UBI

Energizing



Energizing

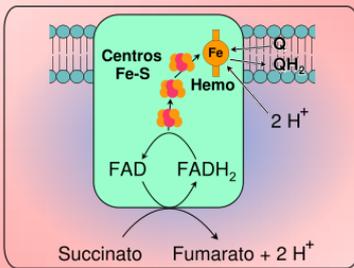
Energizing



Energizing

CII

Succinate dehydrogenase

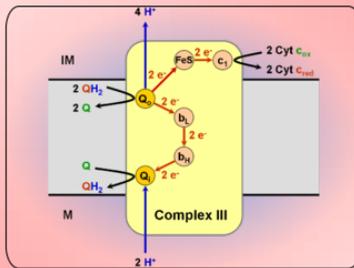


Succinate dehydrogenase

CII

CIII

Cytochrome bc₁

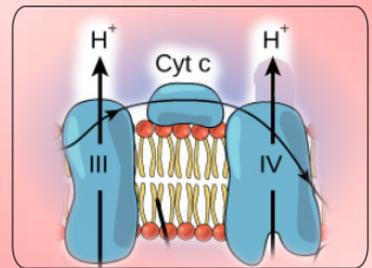


Cytochrome bc₁

CIII

CITO

Cytochrome

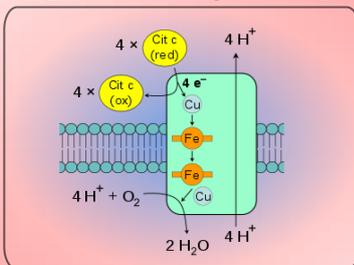


Cytochrome

CITO

CIV

Cytochrome C oxidase

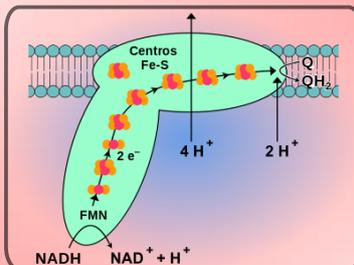


Cytochrome C oxidase

CIV

CI

NADH dehydrogenase

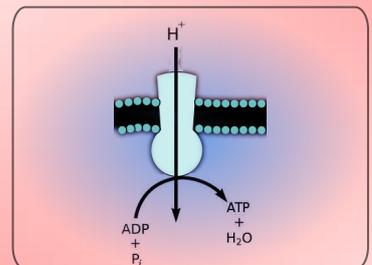


NADH dehydrogenase

CI

CV

ATP Synthase



ATP Synthase

CV



UBI

Ubiquinone

Ubiquinone

UBI

Energizing

Energizing

ACO

Acetyl Coenzyme A

Acetyl Coenzyme A

ACO

CII

Succinate dehydrogenase

Succinate dehydrogenase

CII

CIII

Cytochrome bc₁

Cytochrome bc₁

CIII

CYTO

Cytochrome

Cytochrome

CYTO

CIV

Cytochrome C oxidase

Cytochrome C oxidase

CIV

CI

NADH dehydrogenase

NADH dehydrogenase

CI

CV

ATP Synthase

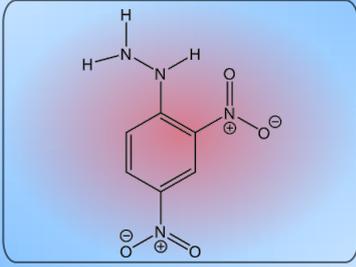
ATP Synthase

CV

⚡ 2,4 DNP



2,4-Dinitrophenyl
hydrazine



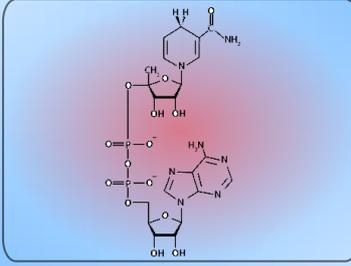
2,4-Dinitrophenyl
hydrazine

⚡ 2,4 DNP

⚡ NADH



Nicotinamida adenina
dinucleotideo



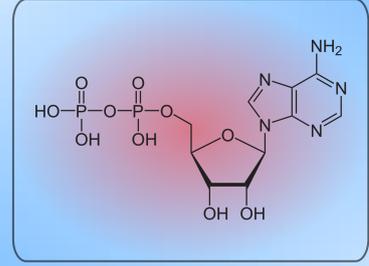
Nicotinamide adenosine
dinucleotide

⚡ NADH

⚡ ADP



Adenosine diphosphate



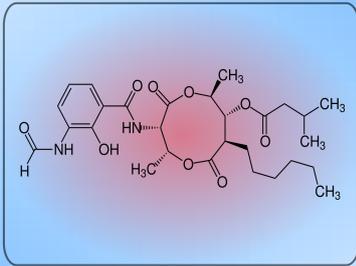
Adenosine diphosphate

⚡ ADP

⚡ AMA



Antimycin A



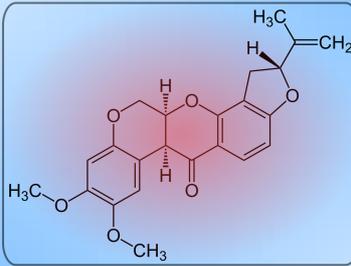
Antimycin A

⚡ AMA

⚡ ROT



Rotenone



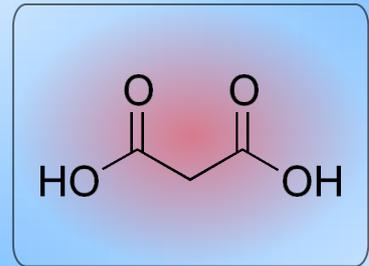
Rotenone

⚡ ROT

⚡ MALO



Malonate



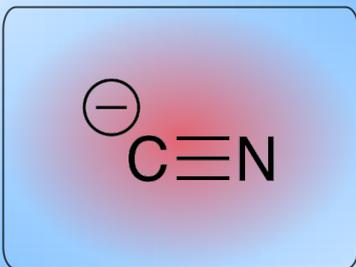
Malonate

⚡ MALO

⚡ CN



Cyanide



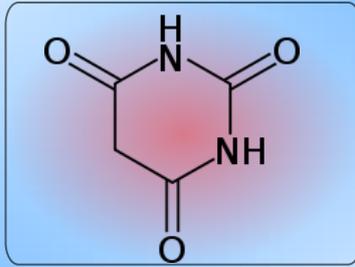
Cyanide

⚡ CN

⚡ BARB



Barbiturate



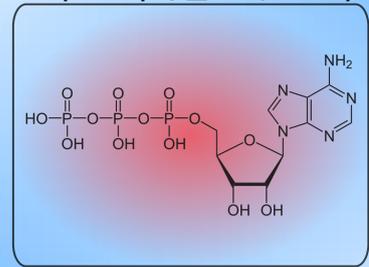
Barbiturate

⚡ BARB

⚡ ATP



Adenosine Triphosphate



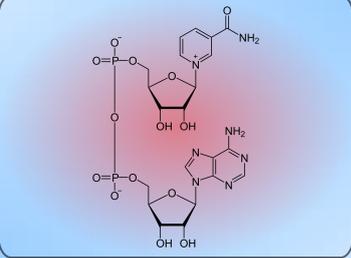
Adenosine Triphosphate

⚡ ATP



⚡ NAD 

Nicotinamide adenine dinucleotide

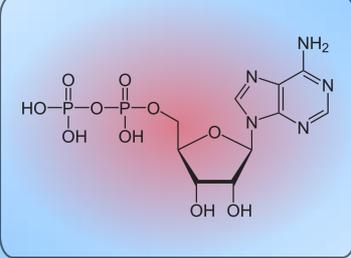


Nicotinamide adenine dinucleotide

⚡ NAD

⚡ ADP 

Adenosine diphosphate

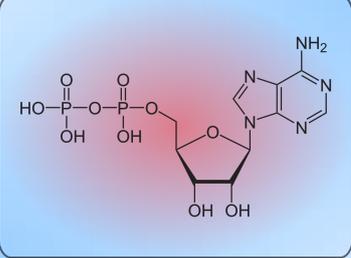


Adenosine diphosphate

⚡ ADP

⚡ ADP 

Adenosine diphosphate

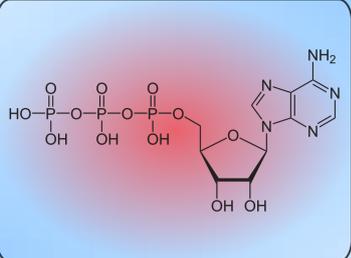


Adenosine diphosphate

⚡ ADP

⚡ ATP 

Adenosine Triphosphate

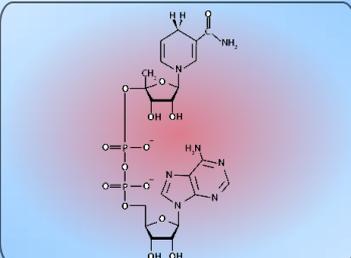


Adenosine Triphosphate

⚡ ATP

⚡ NADH 

Nicotinamide adenine dinucleotide + H



Nicotinamide adenine dinucleotide + H

⚡ NADH

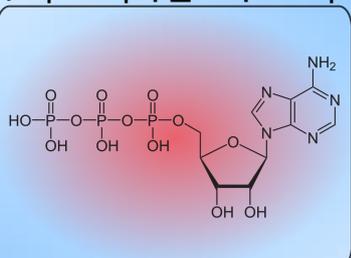
E!nergizing



E!nergizing

⚡ ATP 

Adenosine Triphosphate

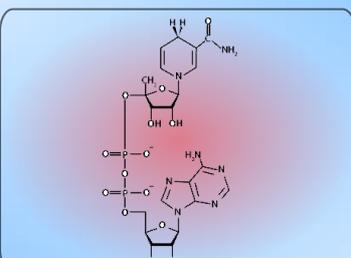


Adenosine Triphosphate

⚡ ATP

⚡ NADH 

Nicotinamide adenine dinucleotide + H



Nicotinamide adenine dinucleotide + H

⚡ NADH

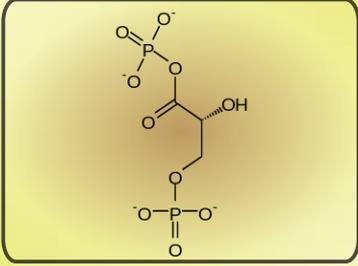
E!nergizing



E!nergizing

13BPG

1,3-Bisphosphoglycerate

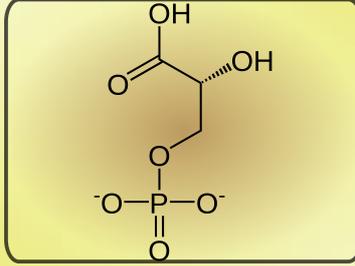


1,3-Bisphosphoglycerate

13BPG

3PG

3-Phosphoglycerate

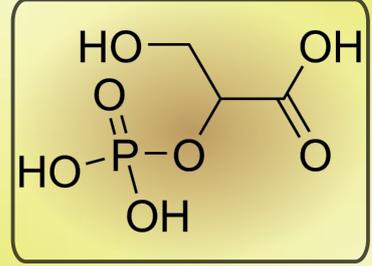


3-Phosphoglycerate

3PG

2PG

2-Phosphoglycerate

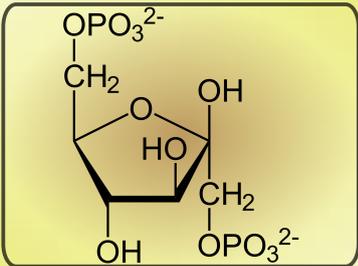


2-Phosphoglycerate

2PG

F16P

Fructose-1,6-bisphosphate

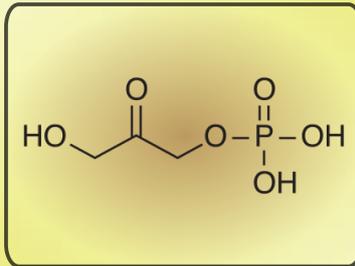


Fructose-1,6-bisphosphate

F16P

DHAP

Dihydroxyacetone-phosphate

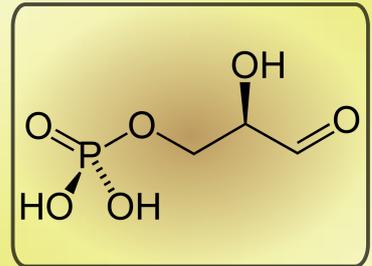


Dihydroxyacetone-phosphate

DHAP

G3P

Glyceraldehyde-3-phosphate

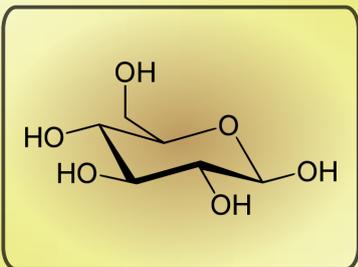


Glyceraldehyde-3-phosphate

G3P

GLC

Glucose

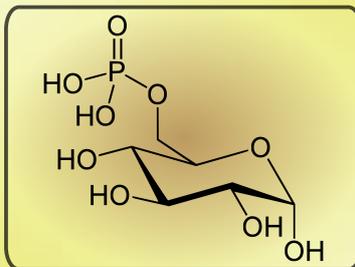


Glucose

GLC

G6P

Glucose-6-phosphate

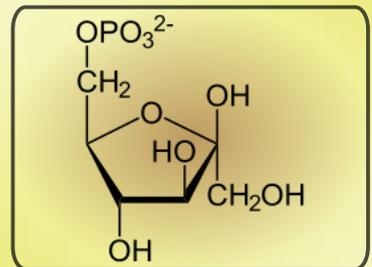


Glucose-6-phosphate

G6P

F6P

Fructose-6-phosphate



Fructose-6-phosphate

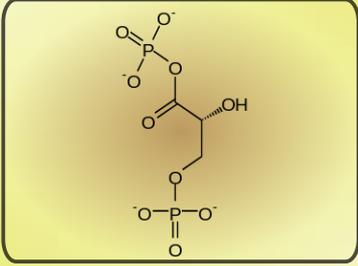
F6P





13BPG

1,3-Bisphosphoglycerate

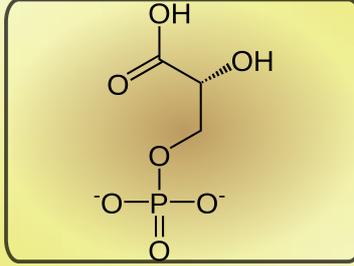


1,3-Bisphosphoglycerate

13BPG

3PG

3-Phosphoglycerate

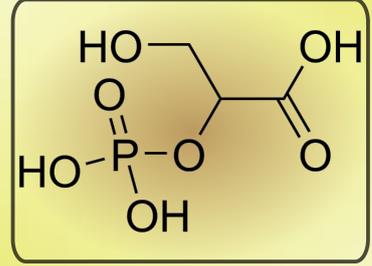


3-Phosphoglycerate

GLC

2PG

2-Phosphoglycerate

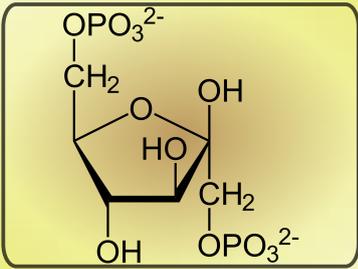


2-Phosphoglycerate

2PG

F16P

Fructose-1,6-bisphosphate

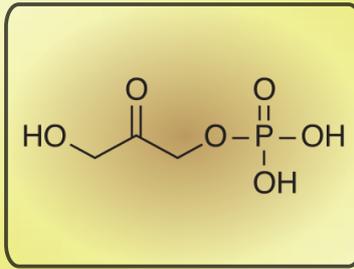


Fructose-1,6-bisphosphate

F16P

DHAP

Dihydroxyacetone-phosphate

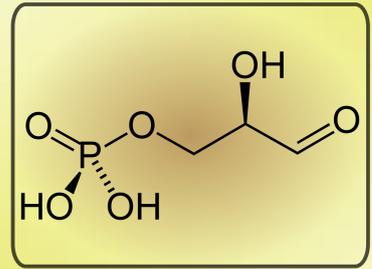


Dihydroxyacetone-phosphate

DHAP

G3P

Glyceraldehyde-3-phosphate

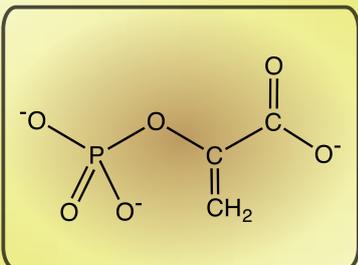


Glyceraldehyde-3-phosphate

G3P

PEP

Phosphoenolpyruvate

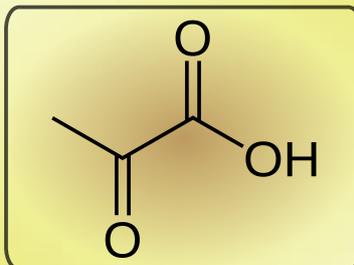


Phosphoenolpyruvate

PEP

PYR

Pyruvate

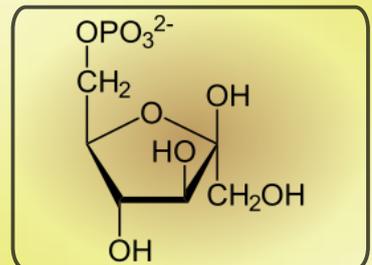


Pyruvate

PYR

F6P

Fructose-6-phosphate



Fructose-6-phosphate

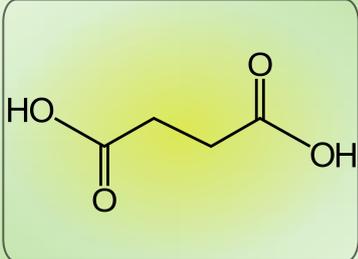
F6P





↻ SUC

Succinate

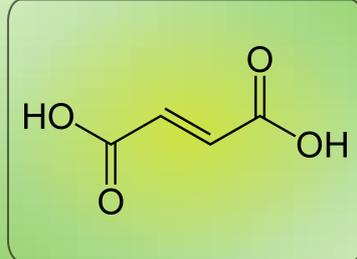


Succinate

↻ SUC

↻ FUM

Fumarate

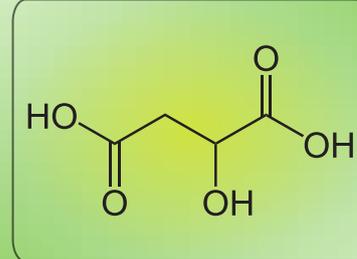


Fumarate

↻ FUM

↻ MAL

Malate

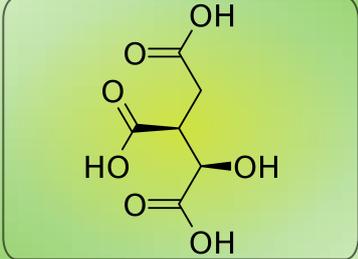


Malate

↻ MAL

↻ IC

Isocitrate

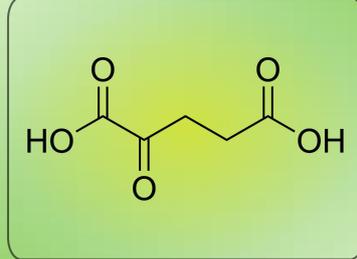


Isocitrate

↻ IC

↻ AKG

Alpha-Ketoglutarate

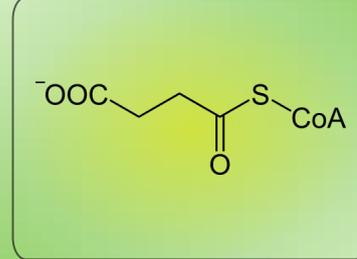


Alpha-Ketoglutarate

↻ AKG

↻ SCOA 

Succinyl-CoA

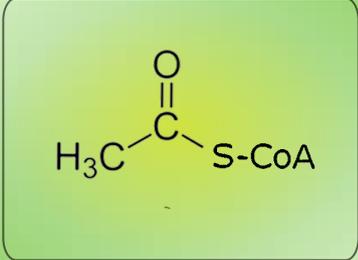


Succinyl-CoA

↻ SCOA

↻ ACOA

Acetyl Coenzyme A

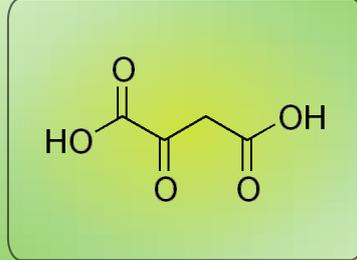


Acetyl Coenzyme A

↻ ACOA

↻ OAA 

Oxaloacetate

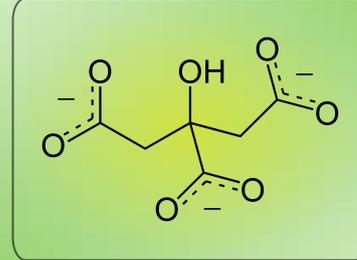


Oxaloacetate

↻ OAA

↻ CITR 

Citrate



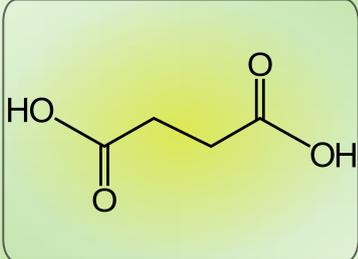
Citrate

↻ CITR



↻ SUC

Succinate

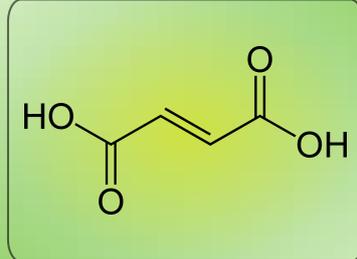


Succinate

↻ SUC

↻ FUM

Fumarate

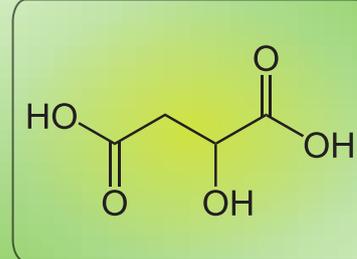


Fumarate

↻ FUM

↻ MAL

Malate

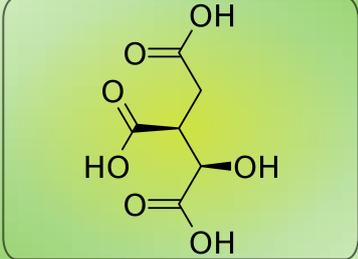


Malate

↻ MAL

↻ IC

Isocitrate

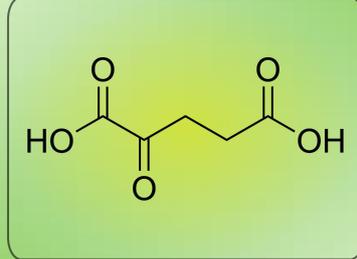


Isocitrate

↻ IC

↻ AKG

Alpha-Ketoglutarate

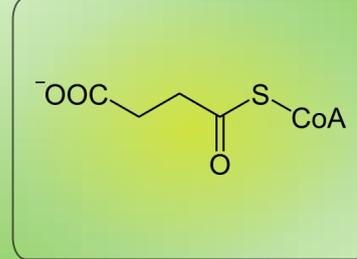


Alpha-Ketoglutarate

↻ AKG

↻ SCOA 

Succinyl-CoA

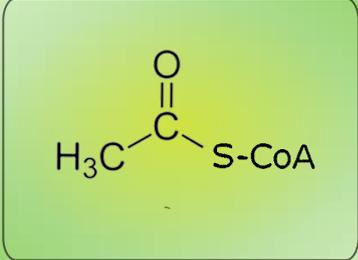


Succinyl-CoA

↻ SCOA

↻ ACOA

Acetyl Coenzyme A

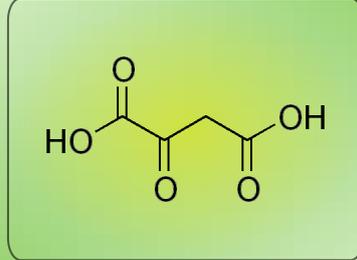


Acetyl Coenzyme A

↻ ACOA

↻ OAA 

Oxaloacetate

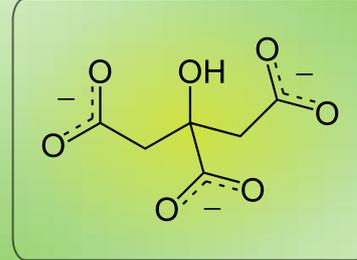


Oxaloacetate

↻ OAA

↻ CITR 

Citrate



Citrate

↻ CITR

