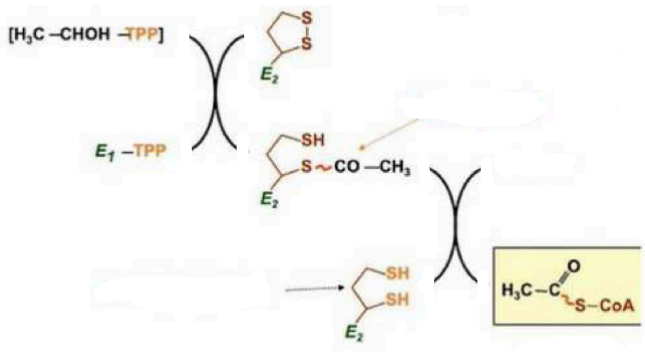
1- Décarboxylation.



E_1 = pyruvate déshydrogénase

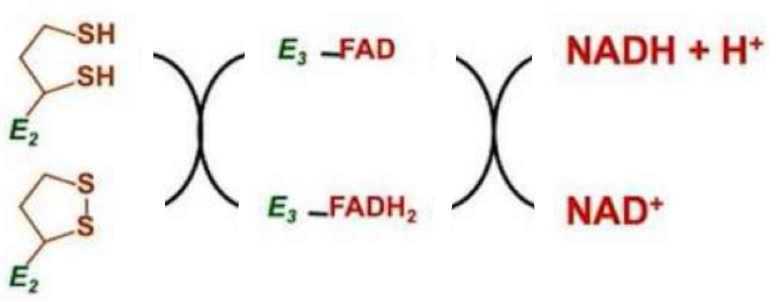
2. Oxydation



Remplir les intermédiaires + sens des flèches

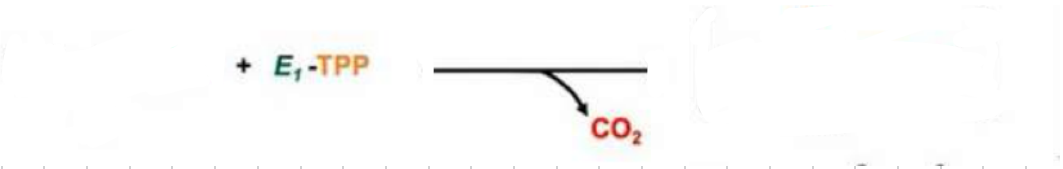
E_2 : dihydrolipoyl transférase.

3- Réoxydation.



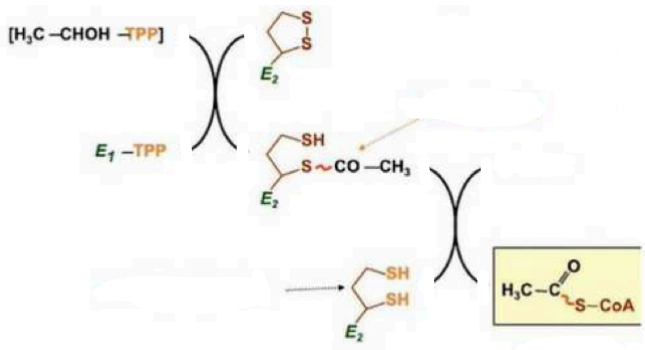
E_3 : dihydrolipoyl déshydrogénase

1-



E_1 :

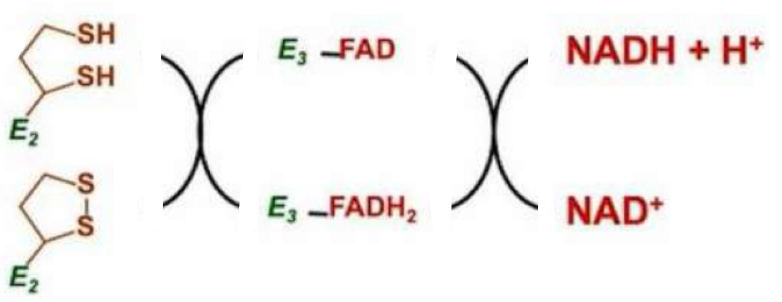
2.



Remplir les intermédiaires + sens des flèches + enzymes et nom des réactions.

E_2 :

3.



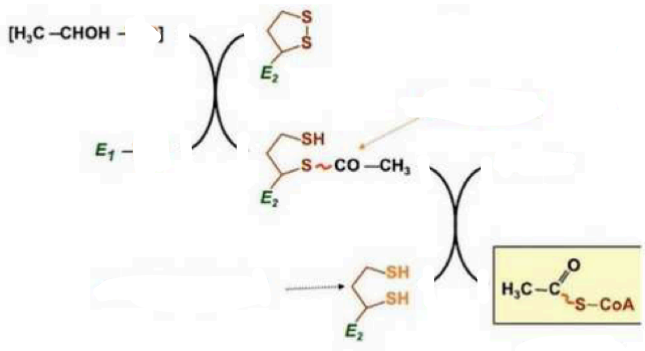
E_3 :

1-



E_1 :

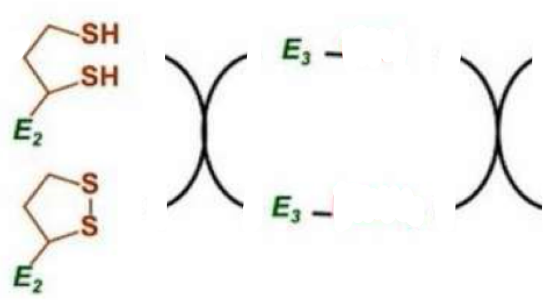
2.



E_2 :

Remplir les intermédiaires + sens des flèches
+ enzymes et nom des réactions.
+ coenzymes.

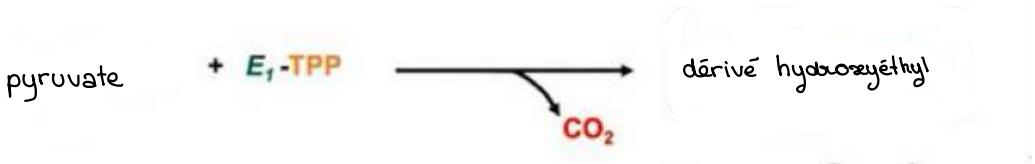
3.



E_3 :

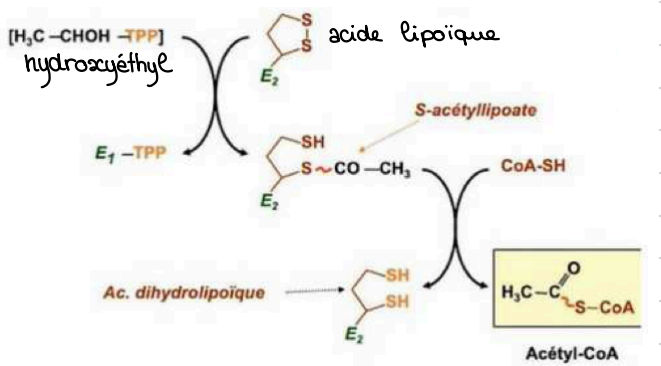
Correction.

1- Décarboxylation.



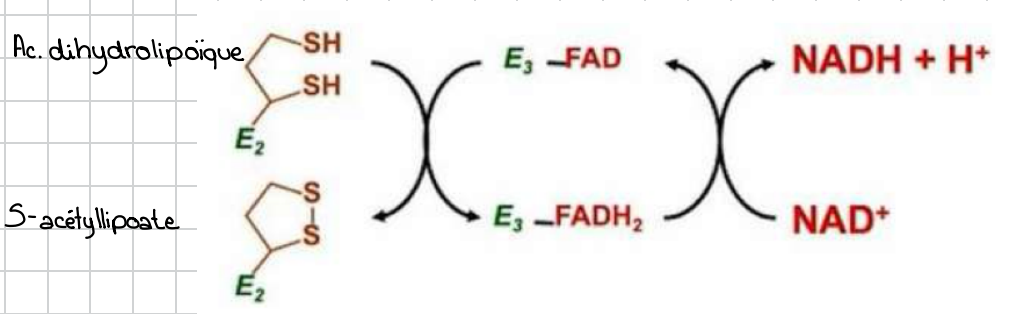
E_1 = pyruvate déshydrogénase

2. Oxydation



E_2: dihydrolipoyl transférase.

3. Réoxydation.



E_3: dihydrolipoyl déshydrogénase