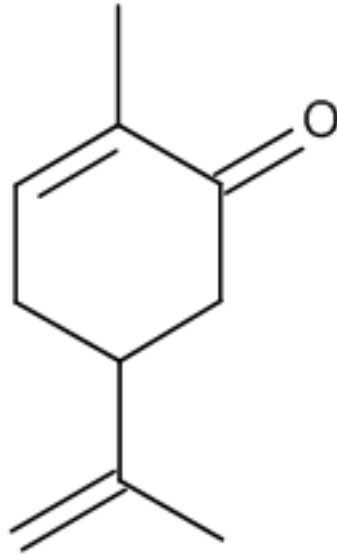


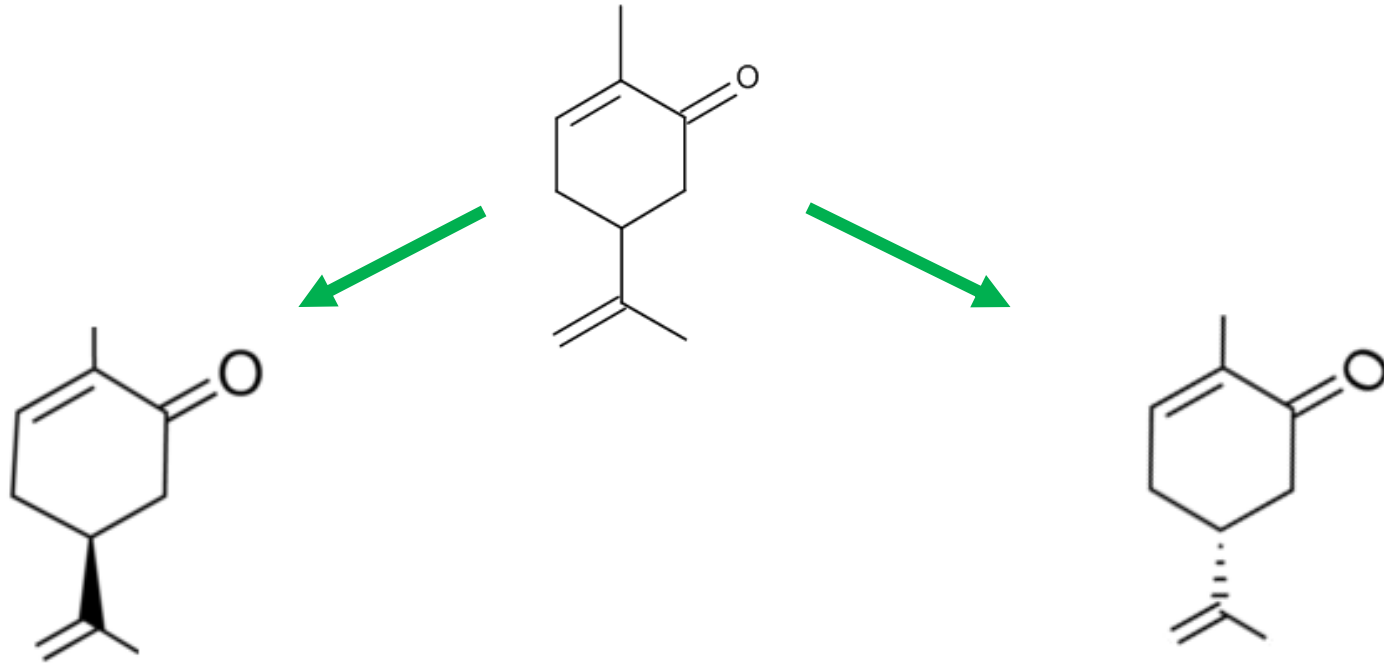
Stéréochimie et molécules du vivant

Agrégation

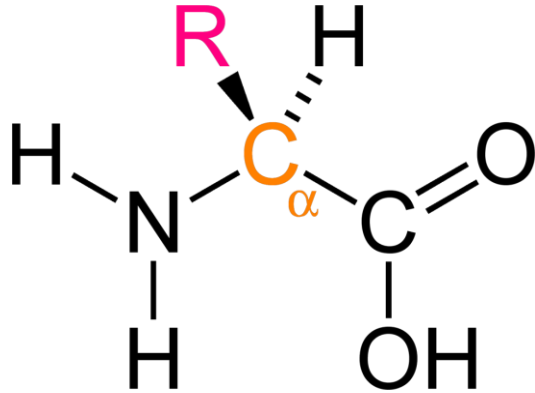
La carvone



La carvone dans l'espace

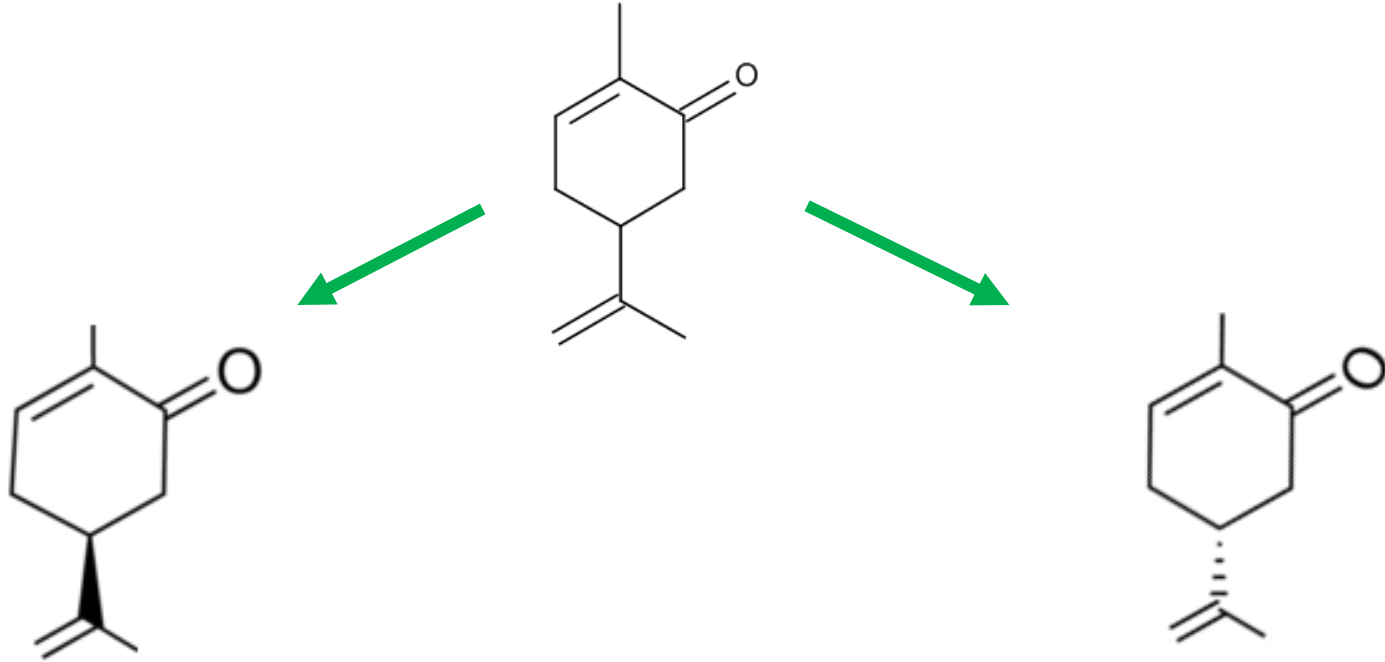


Acides aminés



Formule	Nom	Abondance
	Alanine	8,3 %
	Valine	6,9 %
	Thréonine	5,3 %

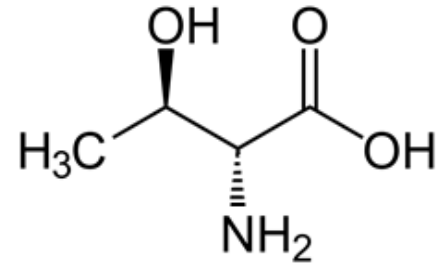
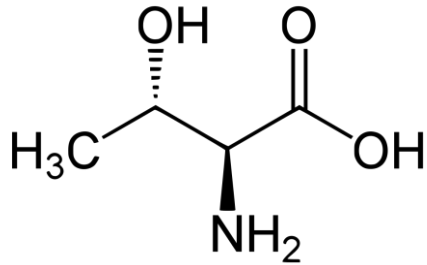
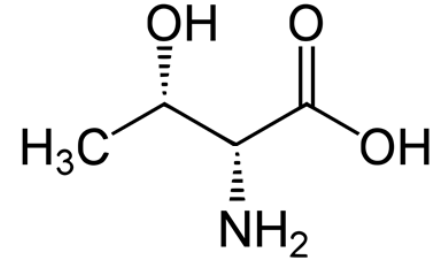
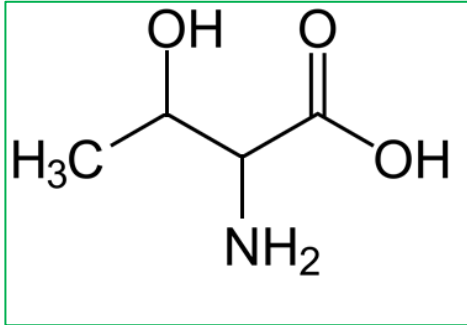
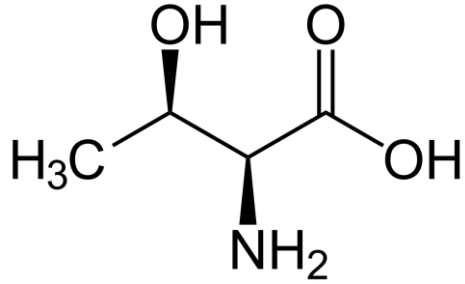
Les énantiomères de la carvone



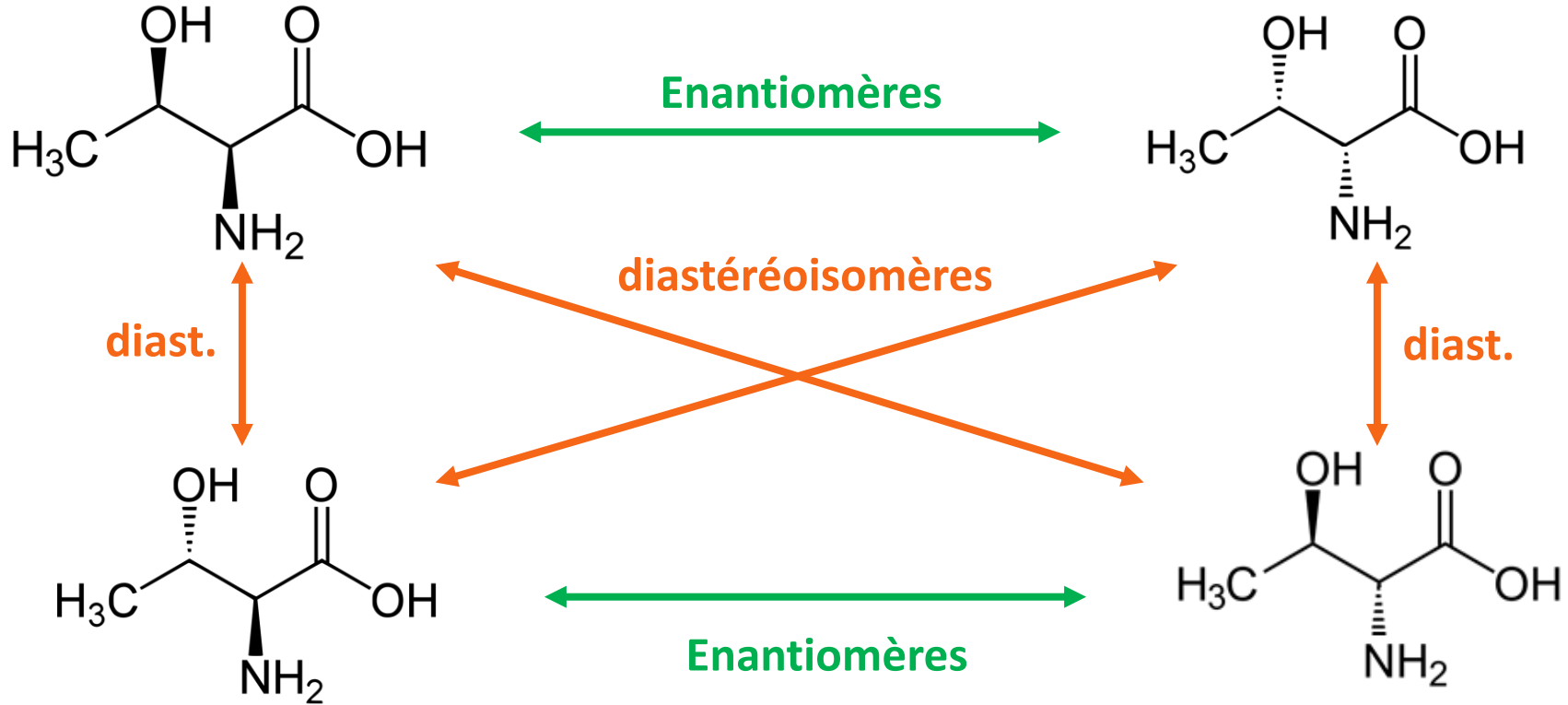
(*R*)-(-)-Carvone

(*S*)-(+)-Carvone

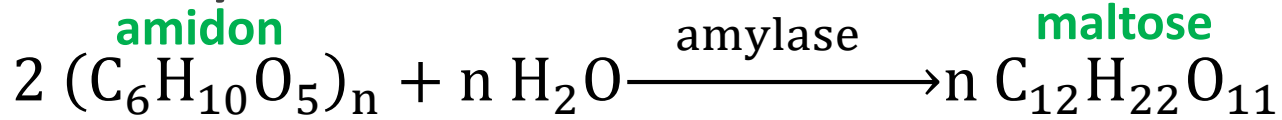
Thréonine : 2 C*



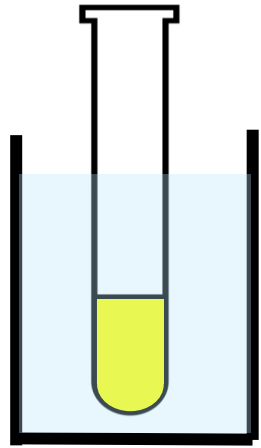
Stéréoisomère de la thréonine



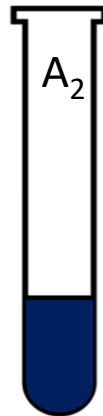
Hydrolyse de l'amidon



1mL solution
d'amylase

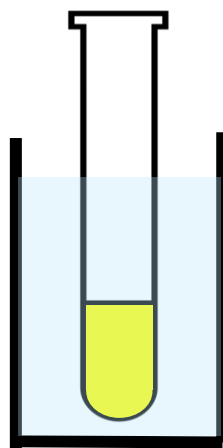


$T = 37\text{ }^{\circ}\text{C}$



1mL solution
d'amidon + diode

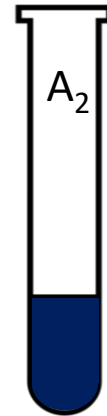
1mL solution
d'amylase



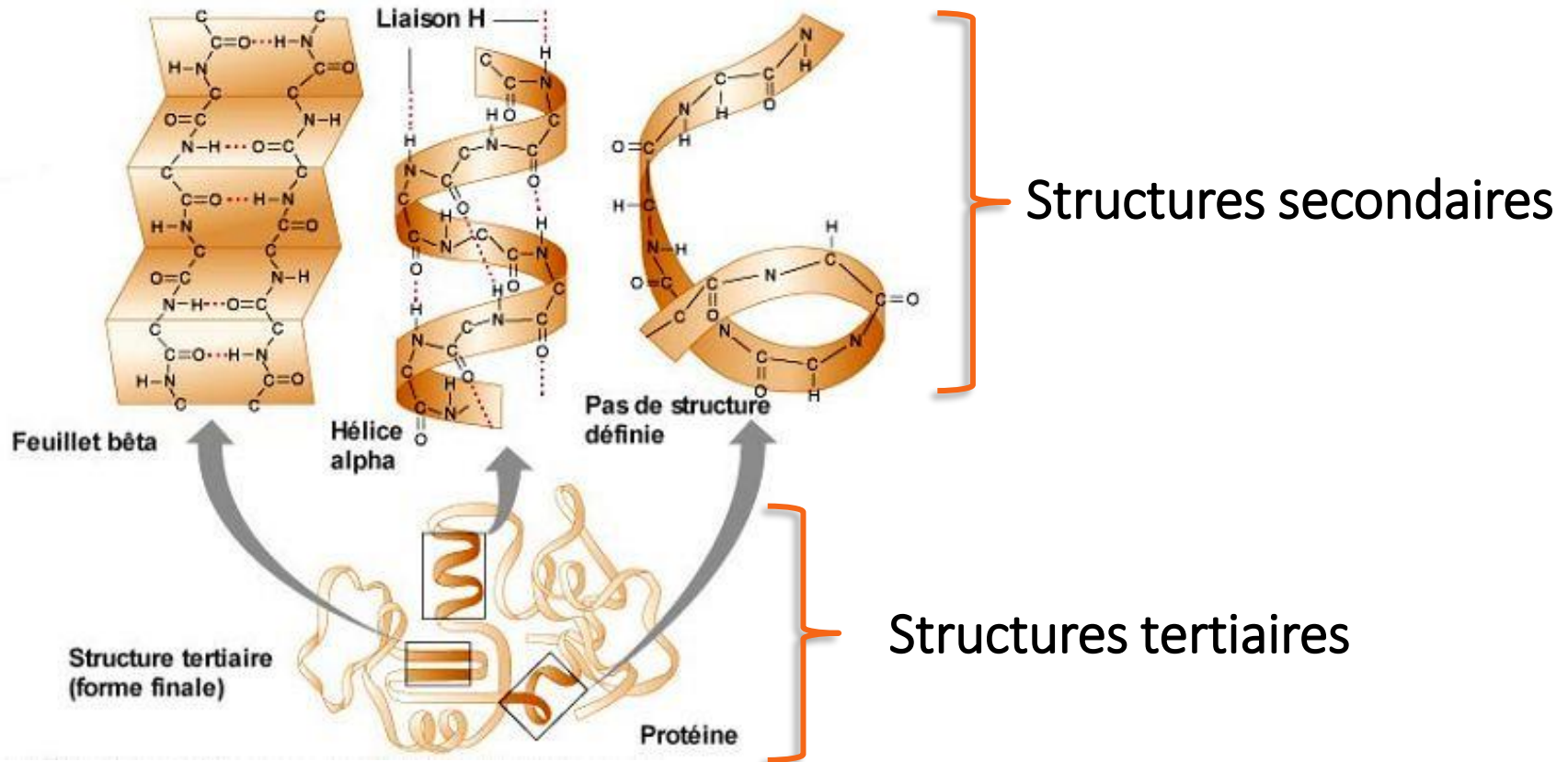
$T = 85\text{ }^{\circ}\text{C}$



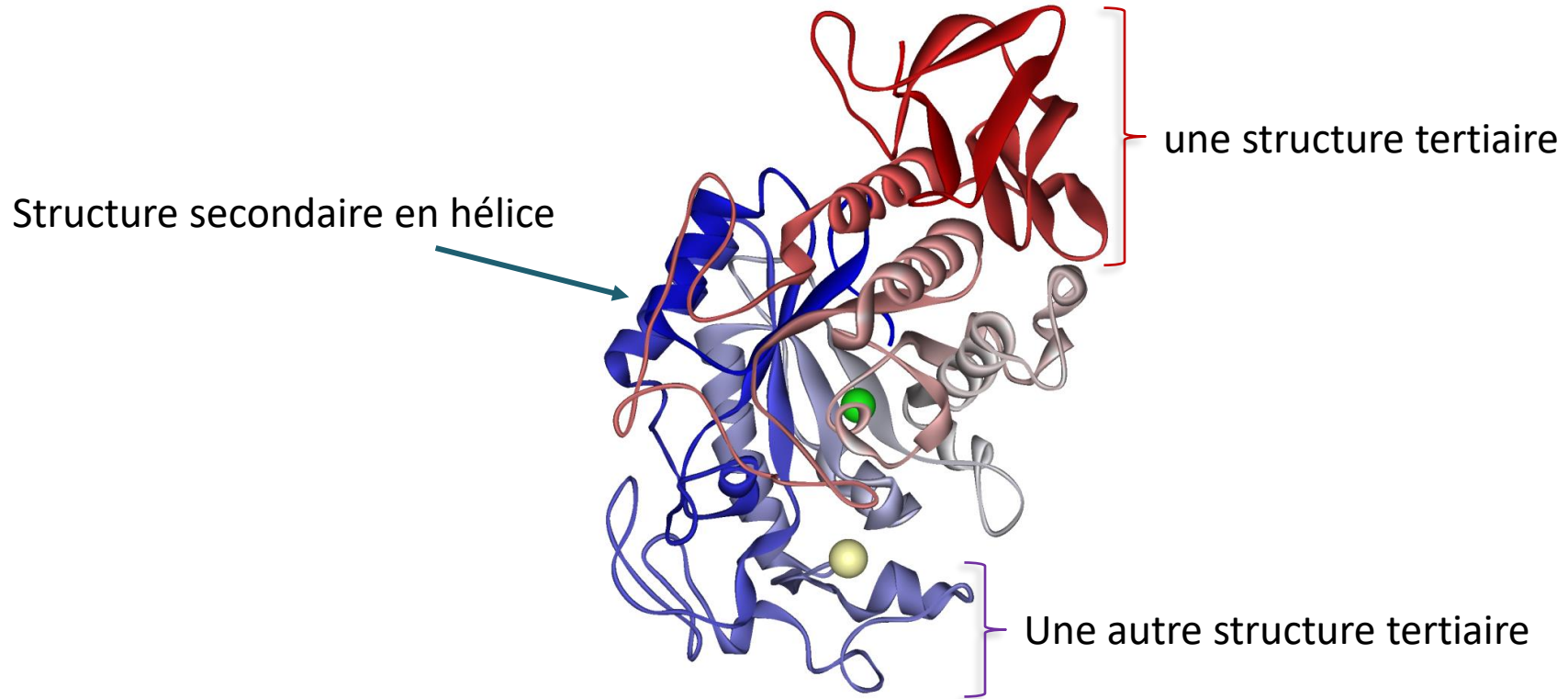
Quelques secondes...



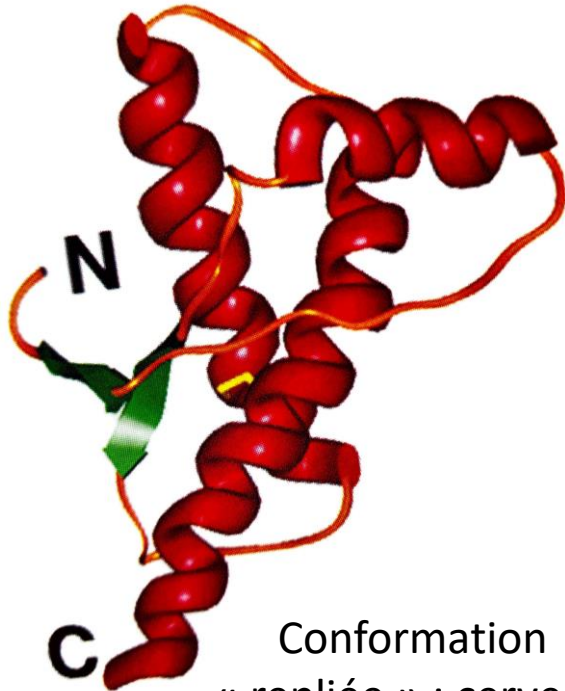
Structures secondaires et tertiaires



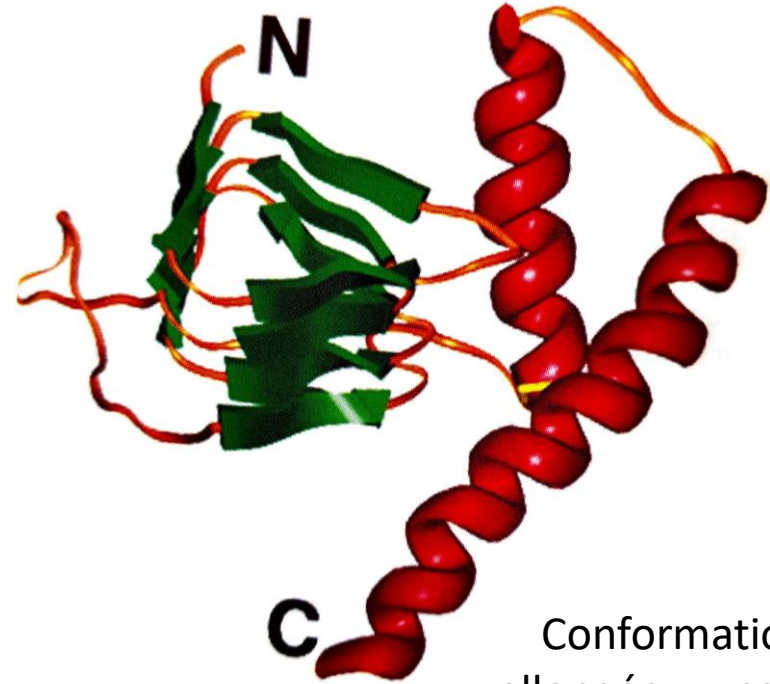
Structure quaternaire de l'amylase



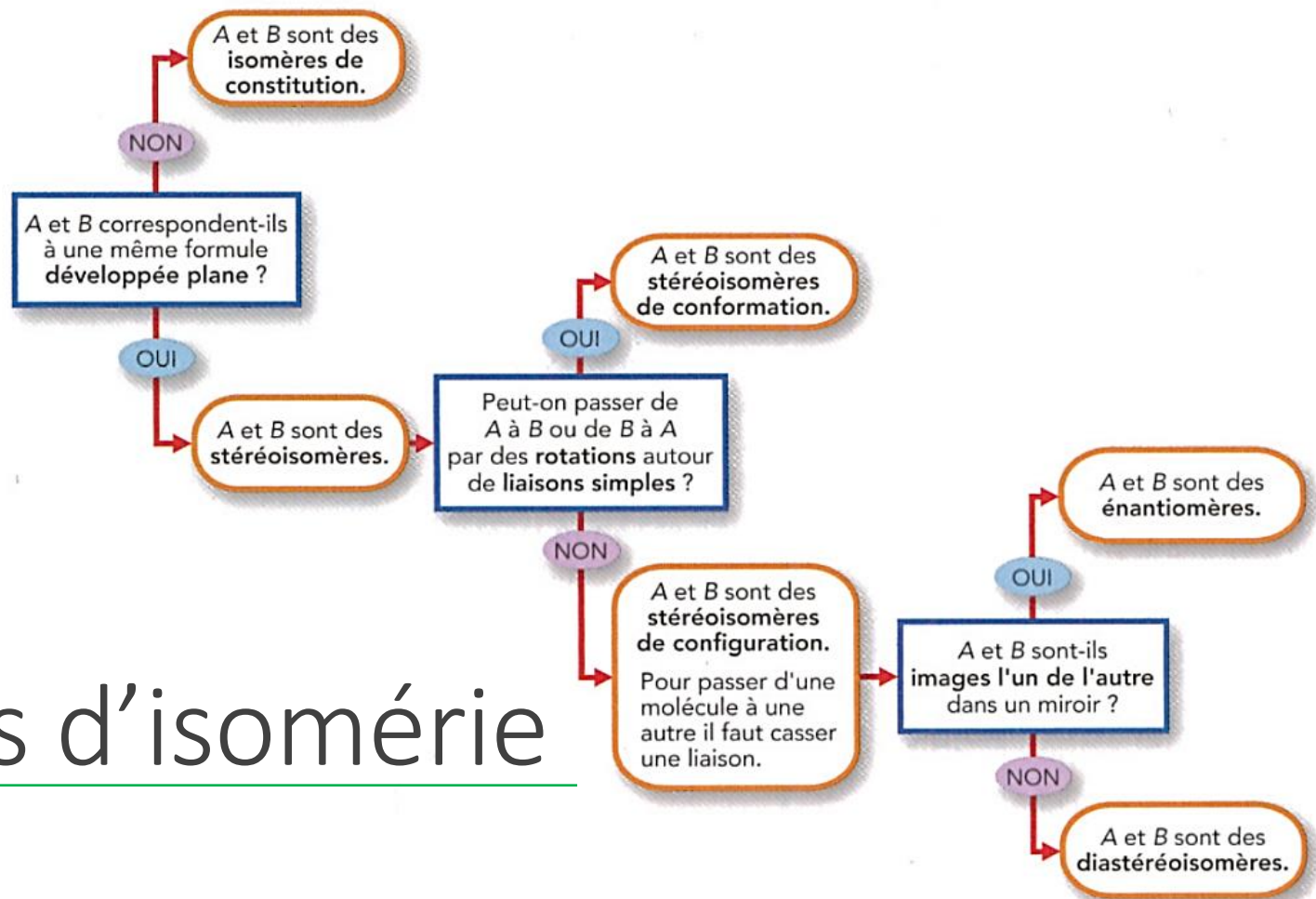
La maladie de la « vache folle »



Conformation
« repliée » : cerveau
sain



Conformation
« allongée » : cerveau
malade



Relations d'isomérisie

Merci
