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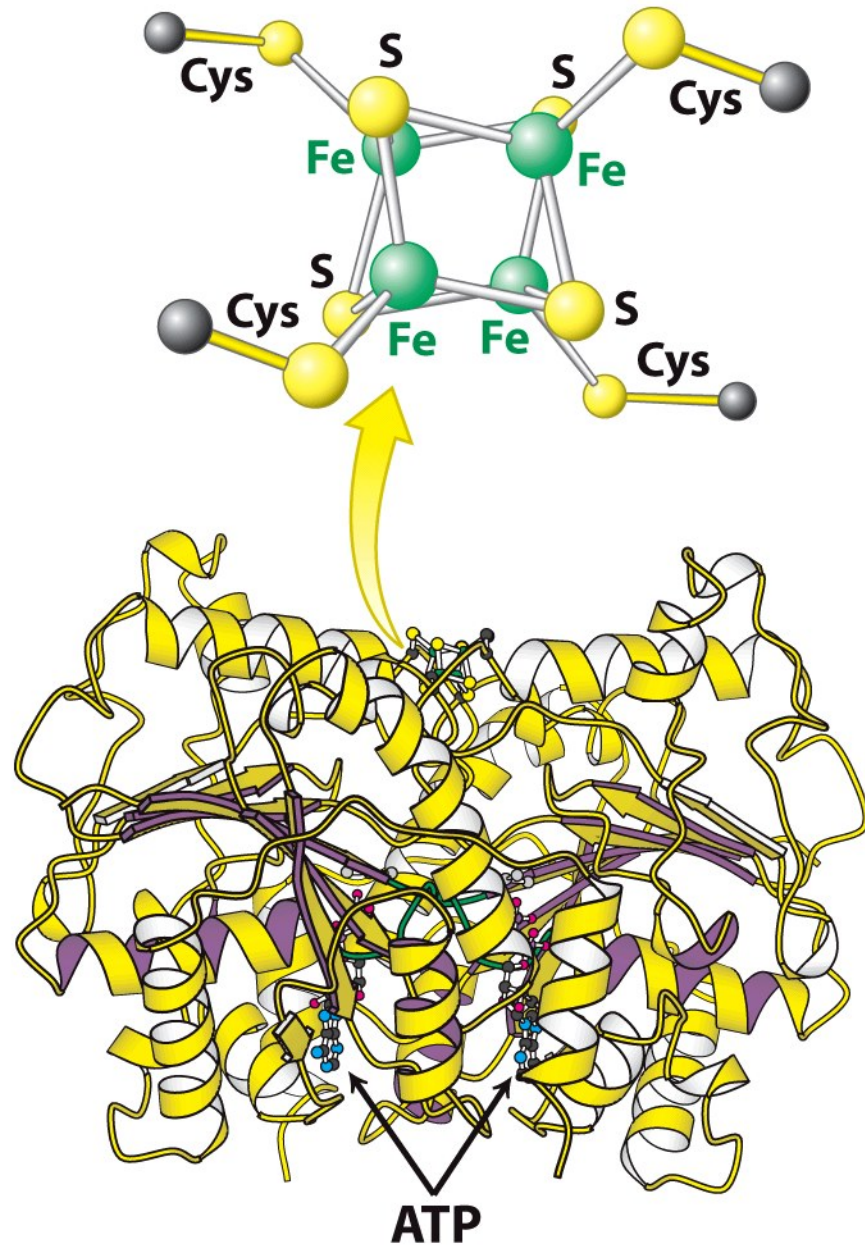


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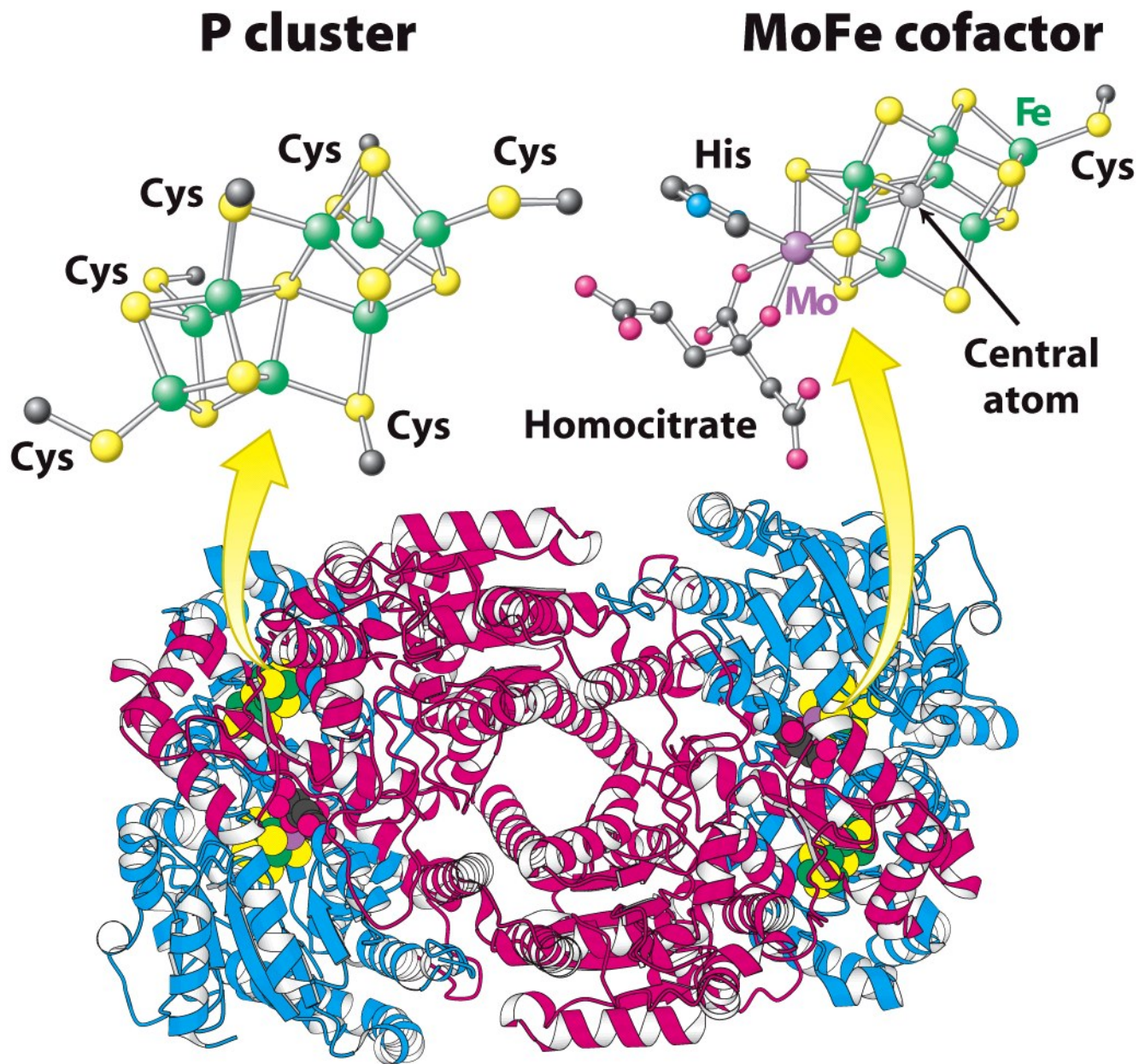
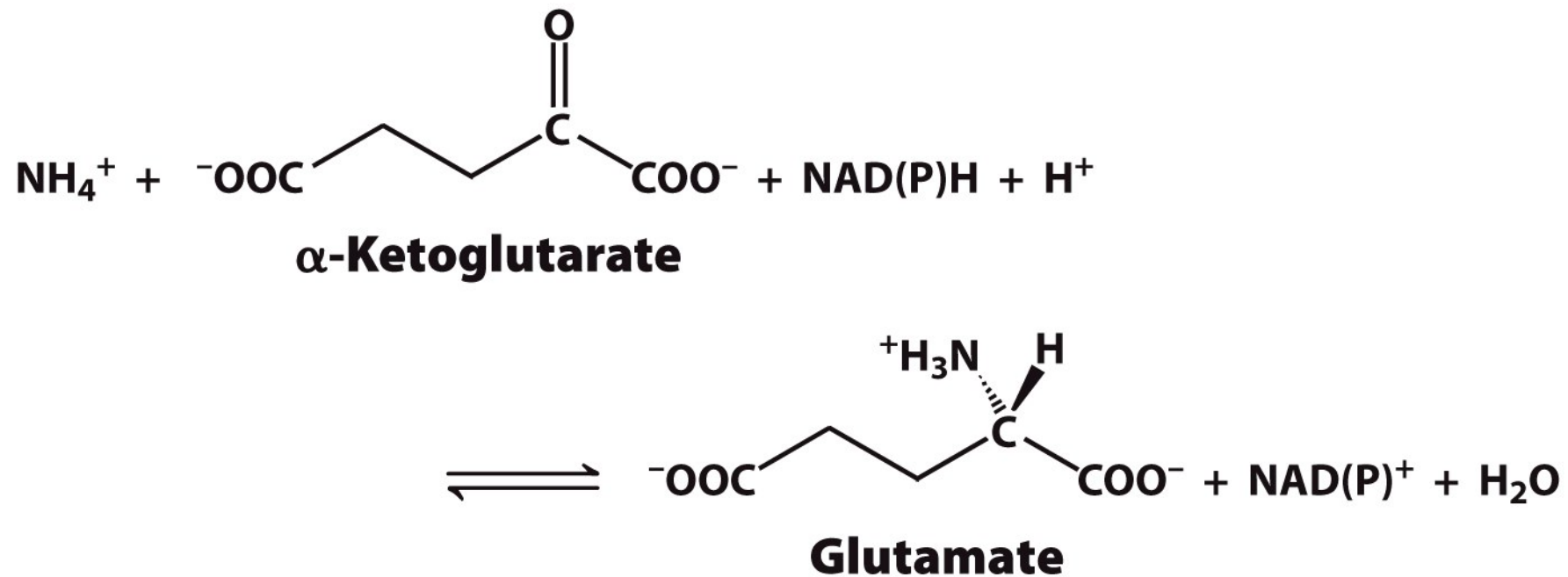
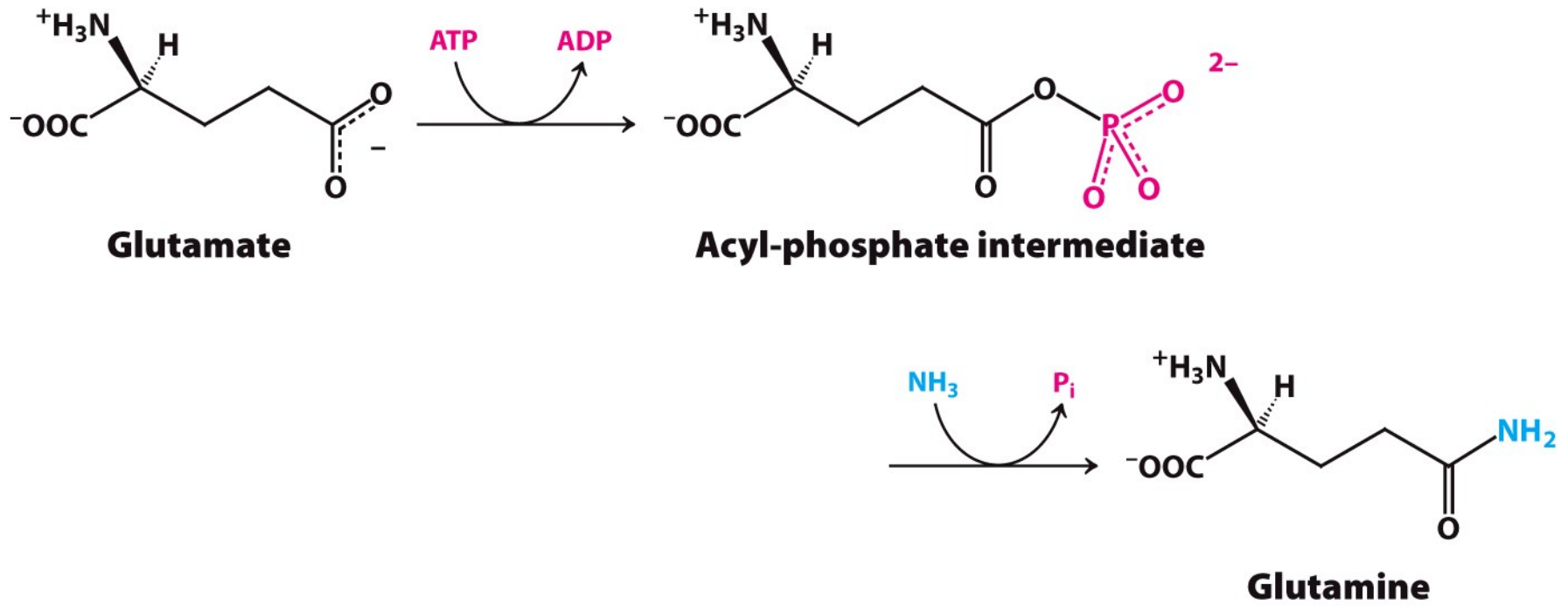


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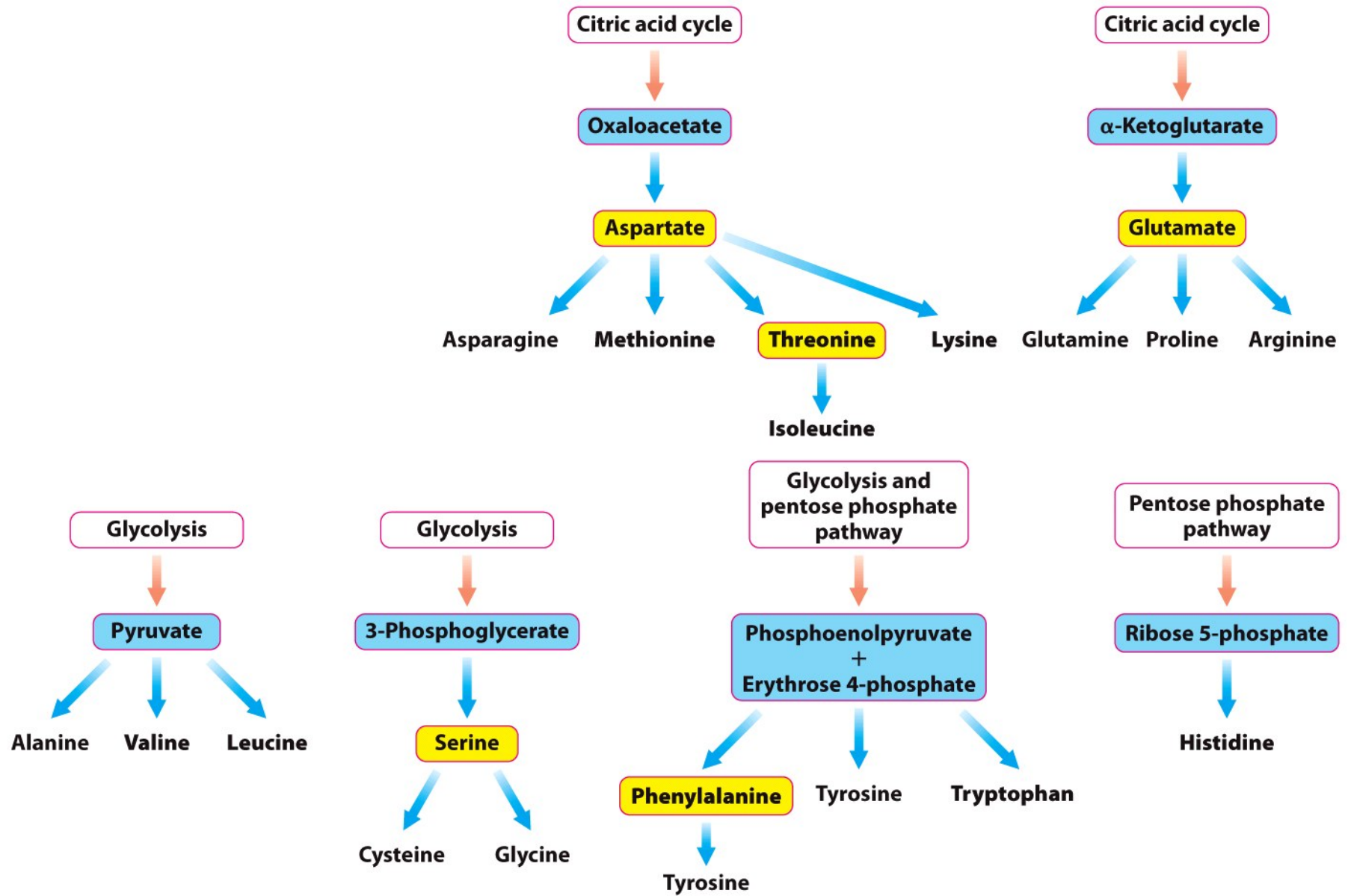


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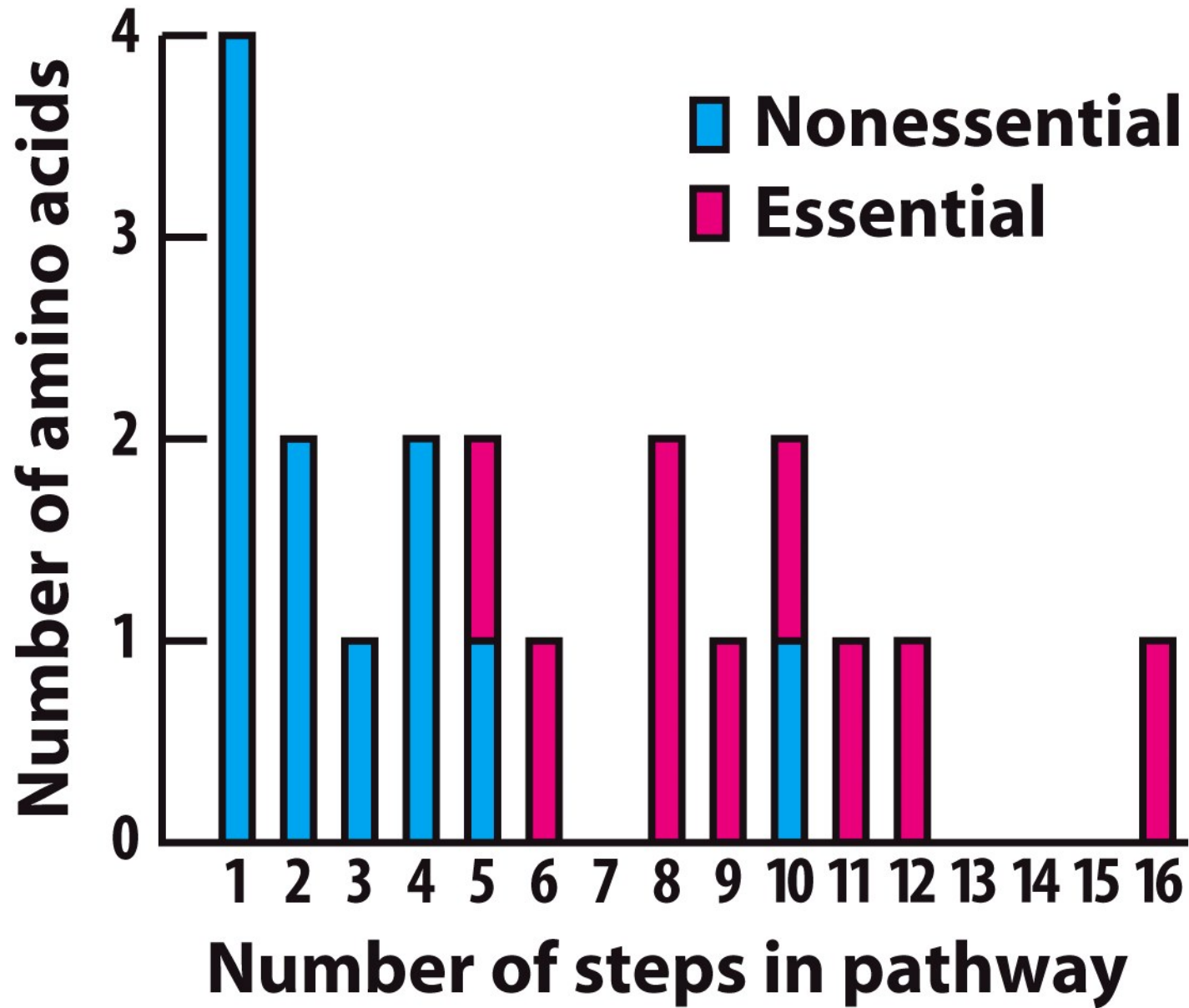
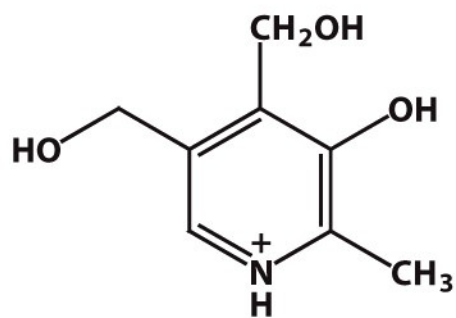
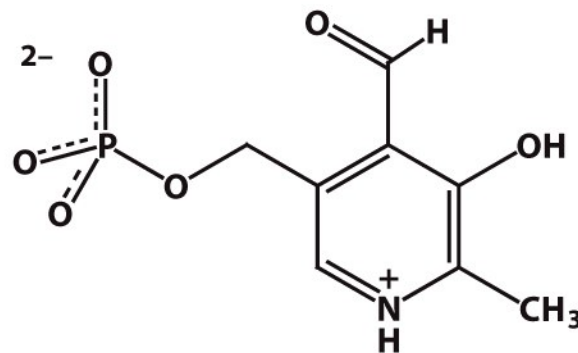


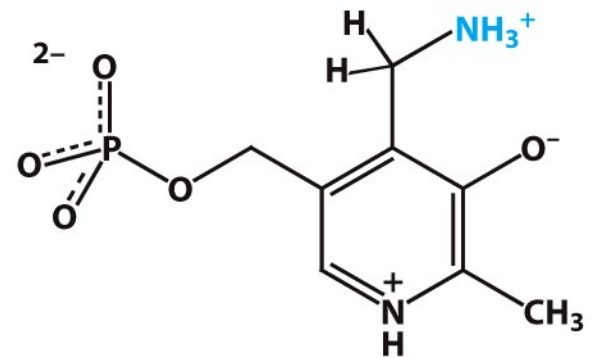
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**Pyridoxine
(Vitamin B₆)**



**Pyridoxal phosphate
(PLP)**



**Pyridoxamine phosphate
(PMP)**

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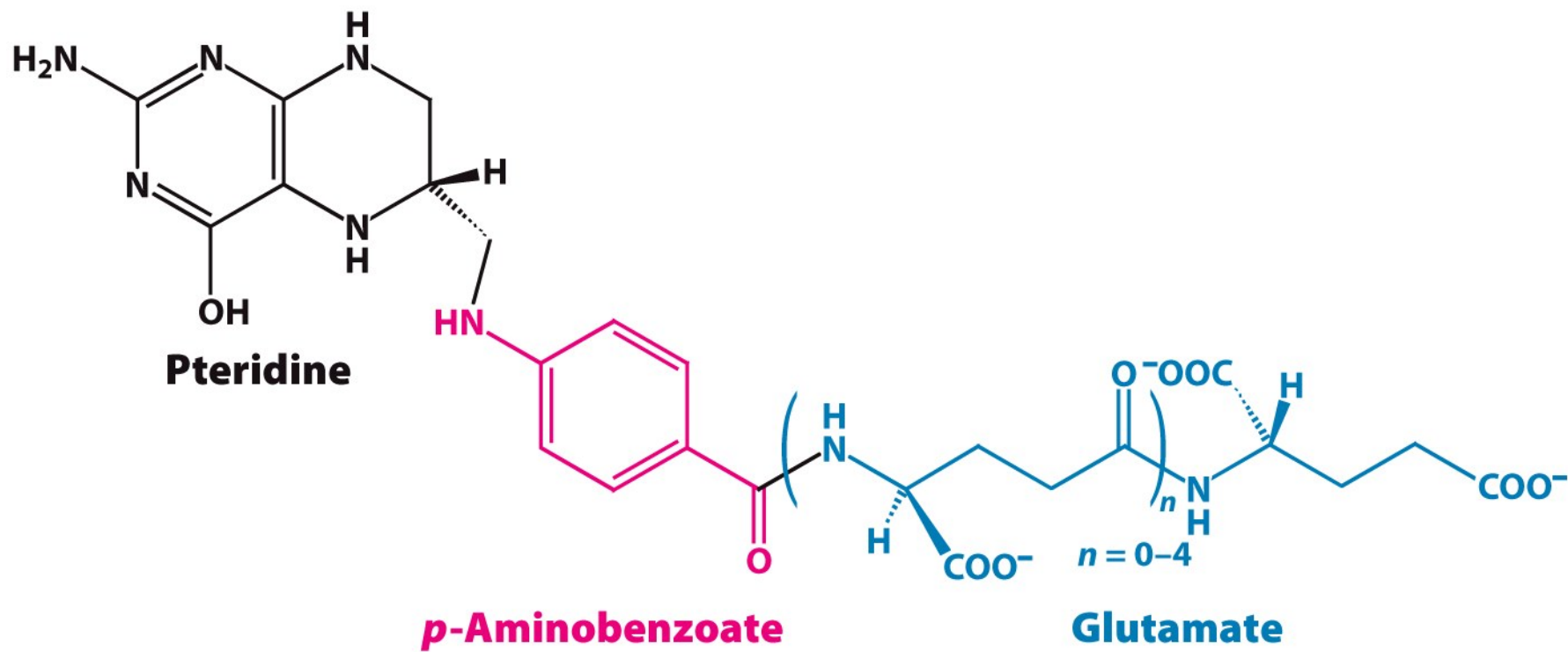


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Table 31.1 One-carbon groups carried by tetrahydrofolate

Oxidation state	Group	
	Formula	Name
Most reduced (= methyl)	—CH ₃	Methyl
Intermediate (= formaldehyde)	—CH ₂ —	Methylene
Most oxidized (= formic acid)	—CHO	Formyl
	—CHNH	Formimino
	—CH=	Methenyl

Table 31.1

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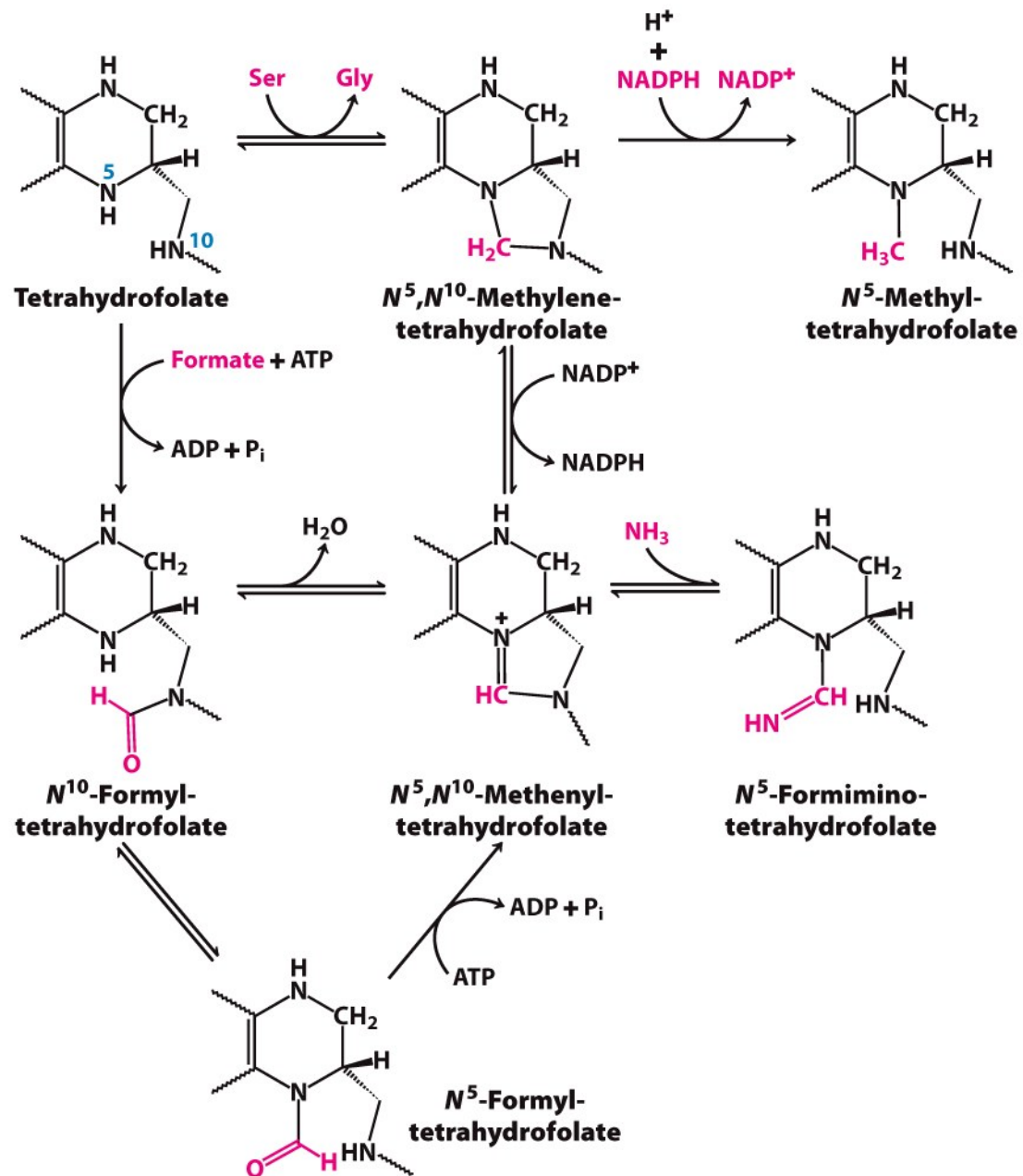
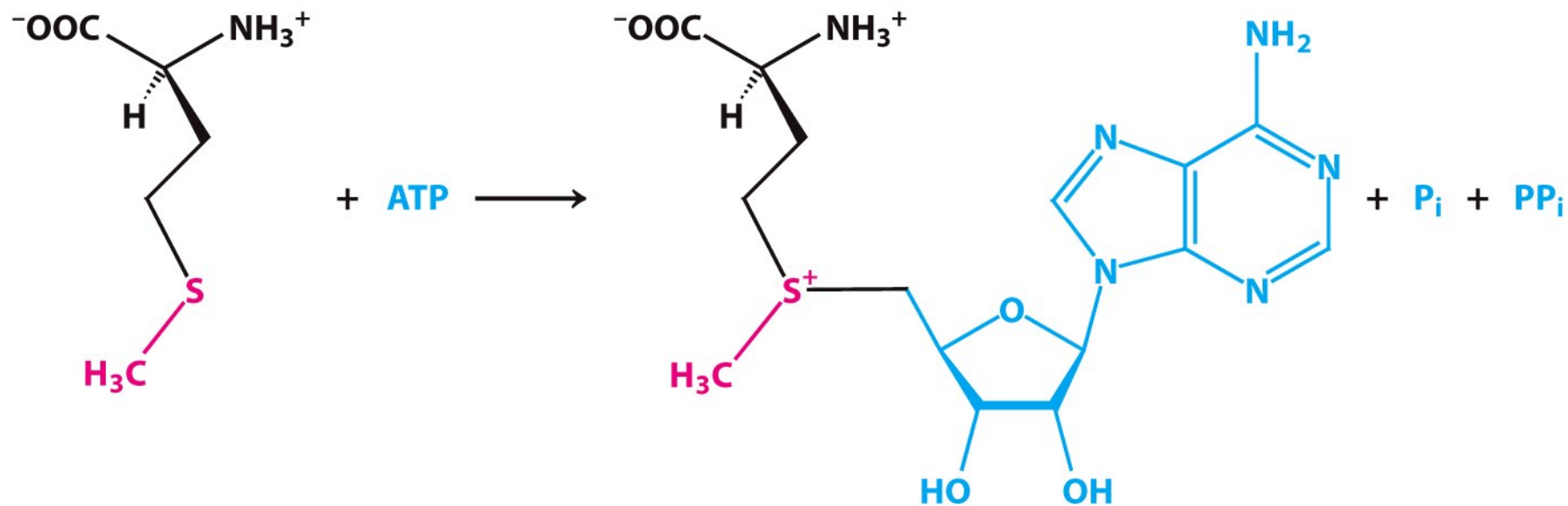


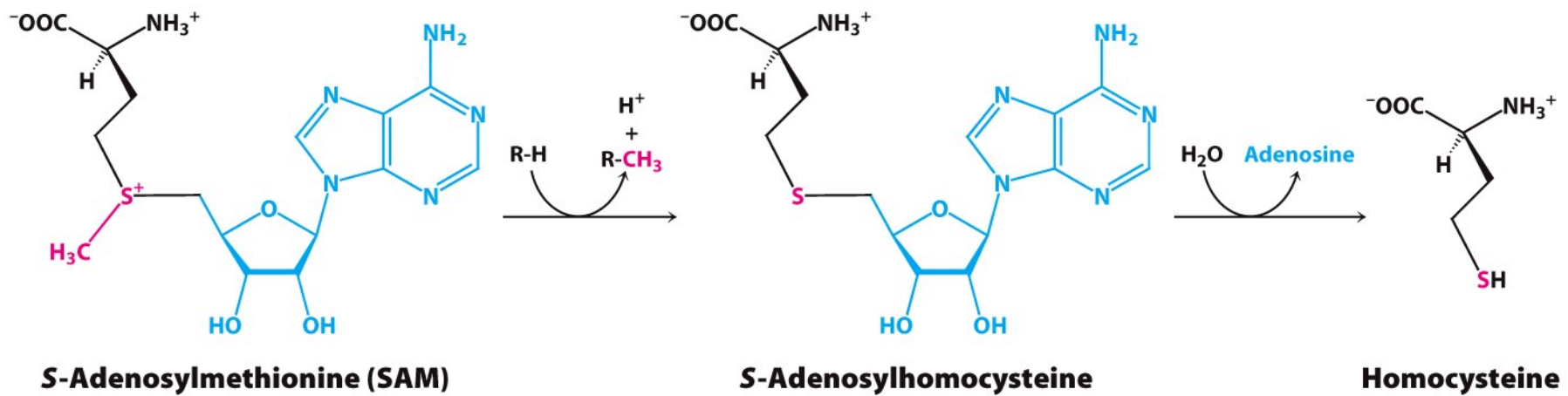
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Methionine

S-Adenosylmethionine (SAM)

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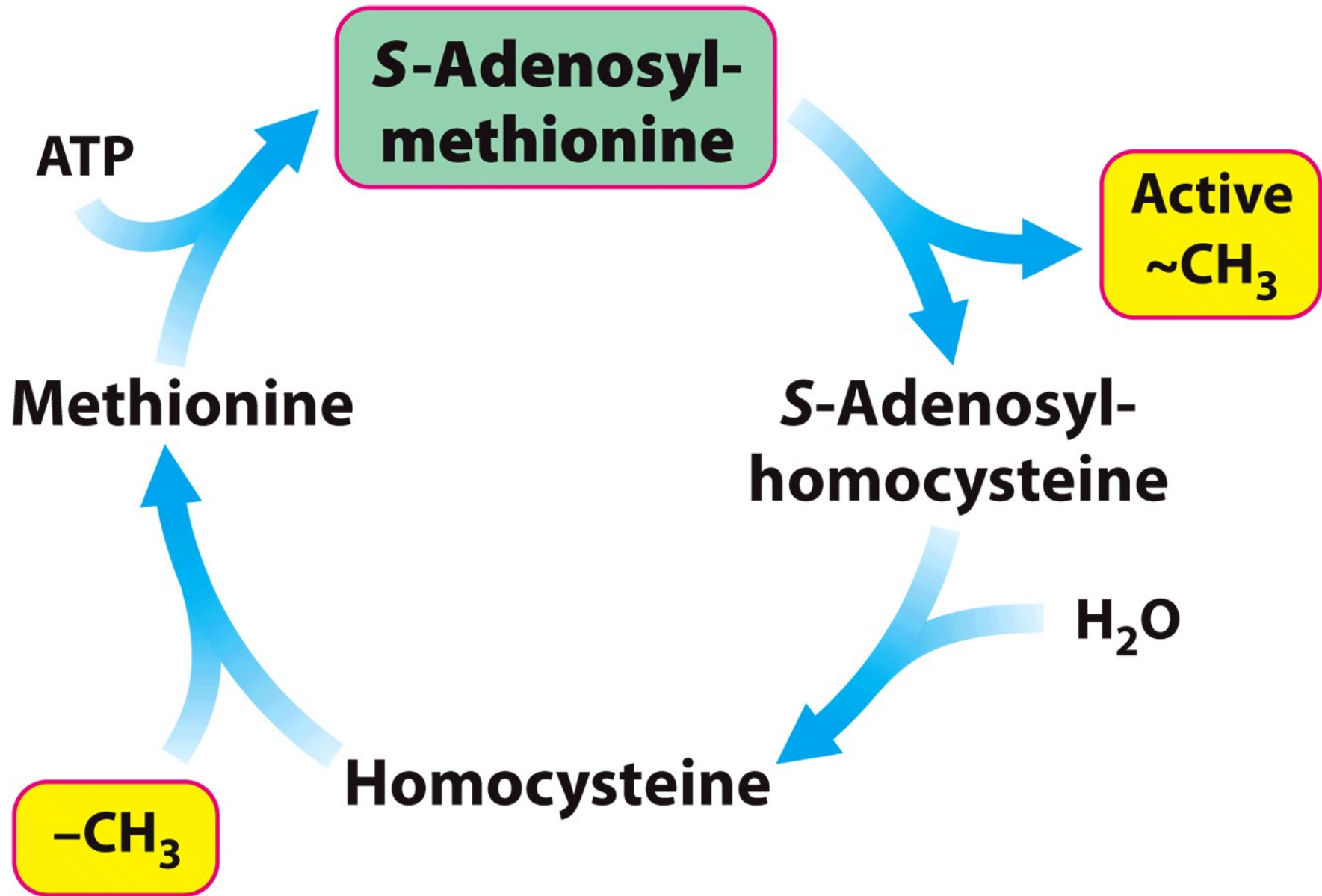
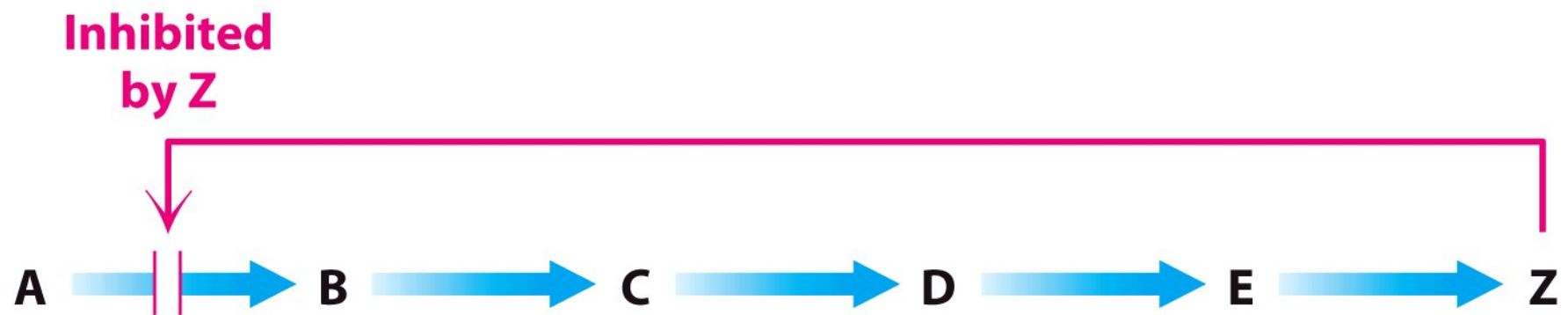


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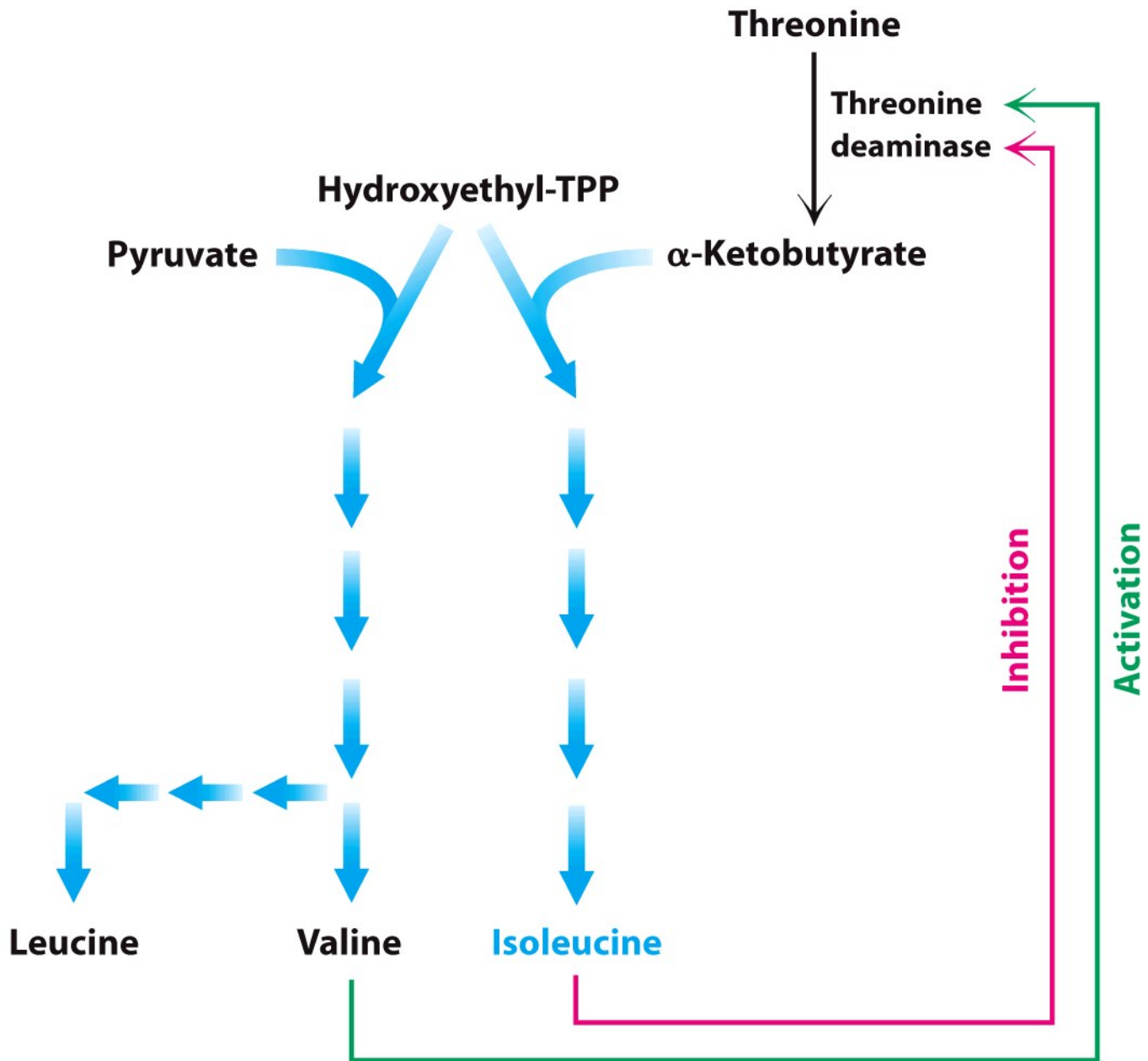


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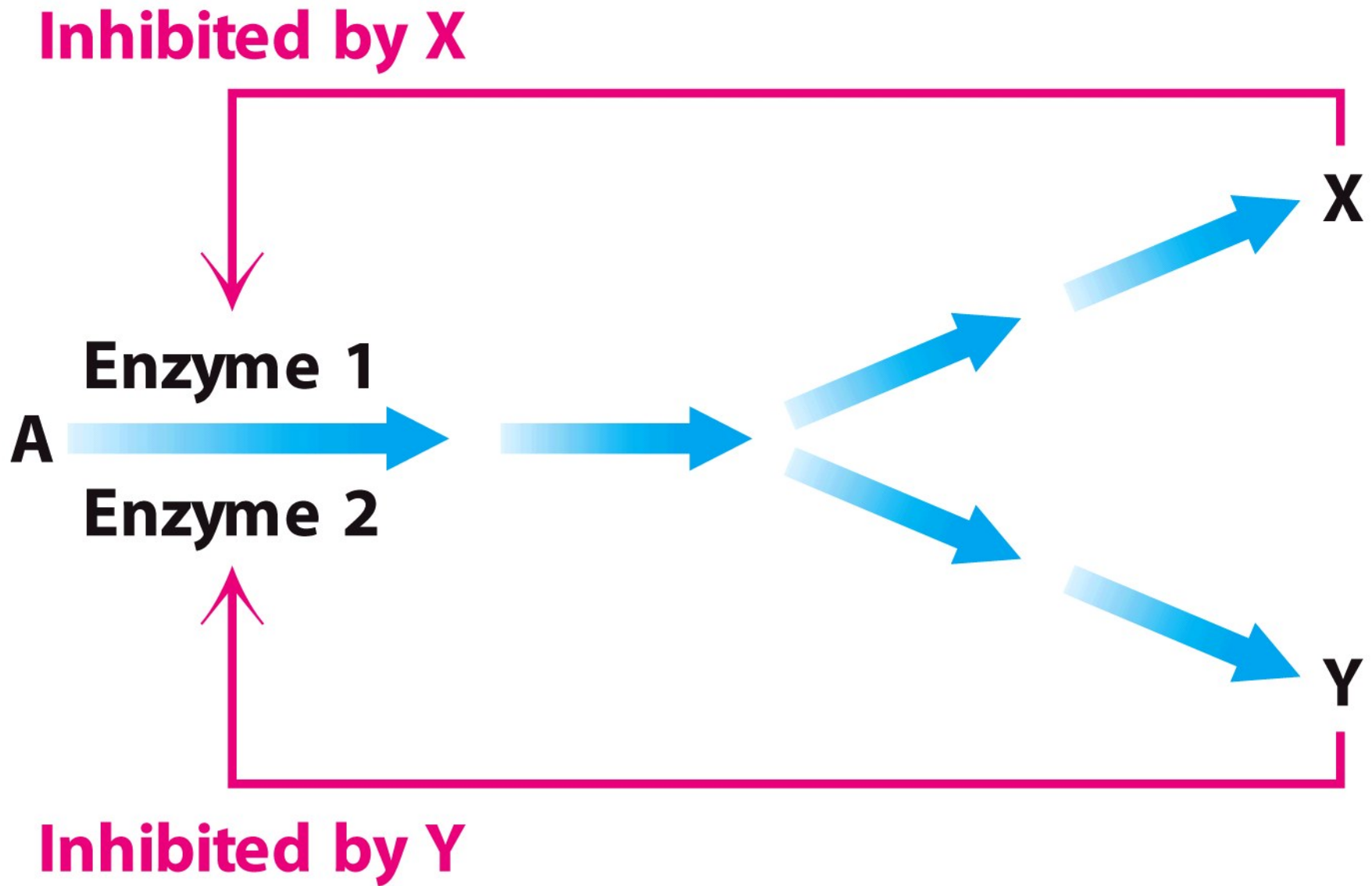


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