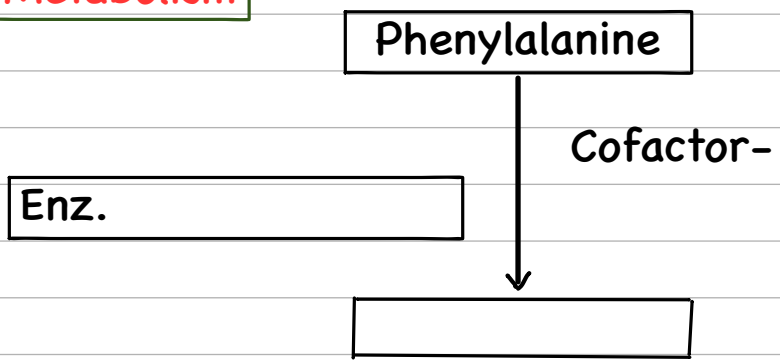
Chapter 3
Phenylalanine

Properties of Phenylalanine

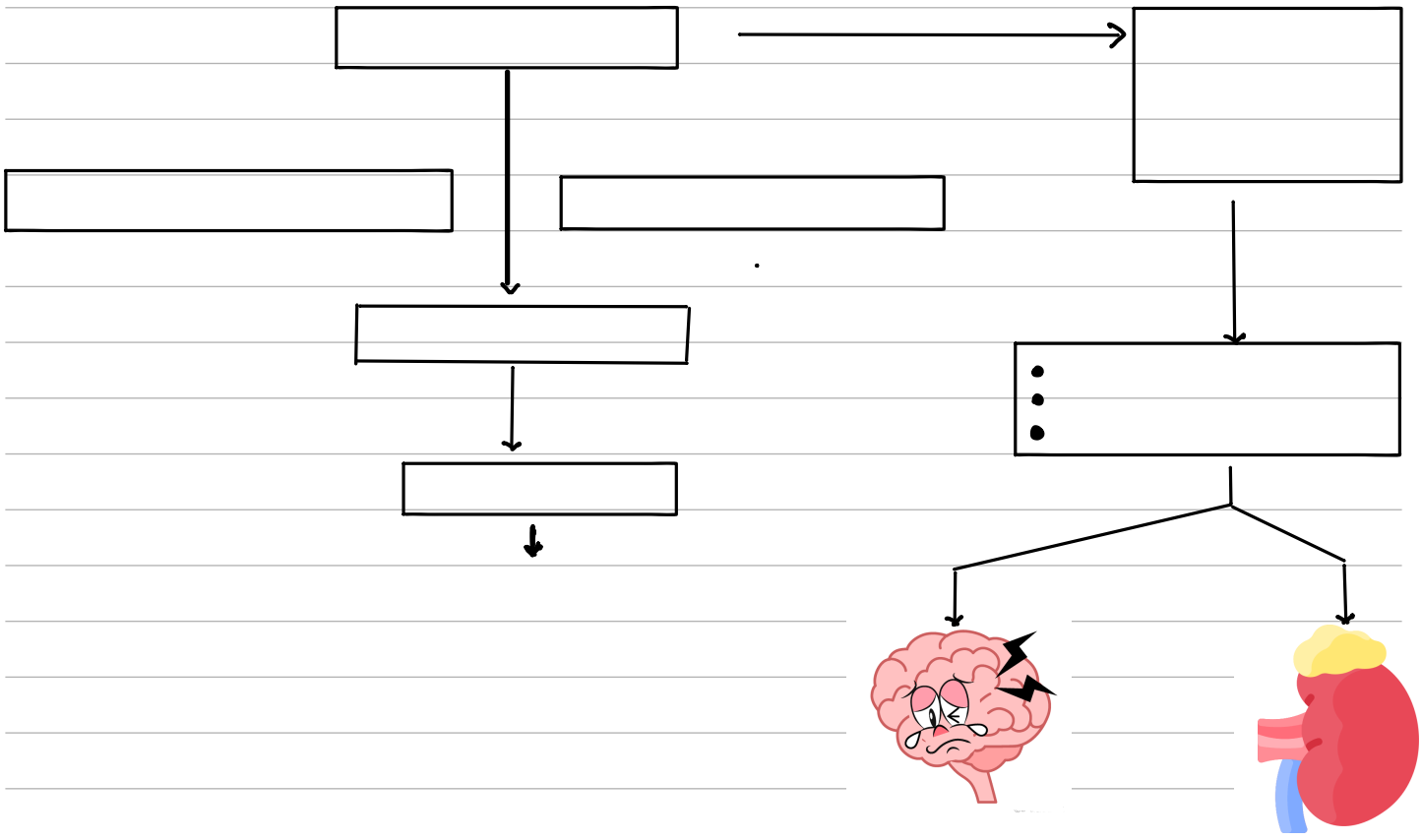
🤔 Essential / Non-essential
Aromatic / Non aromatic
Water soluble / water insoluble

Metabolism



BH4 - tetrahydrobiopterine
BH2 - dihydrobiopterine

💉Phenylalanine metabolism disorder



PKU- Phenylketonuria

Presentation of PKU





Phenylalanine ⟶ Tyrosine

Phenylalanine ⟶ Tyrosine

Investigation

Rx

Summary

PKU - Inheritance pattern -

Due to deficiency of-

Mousy smell of urine is due to

Skin complexion-

IQ -

At birth -

Inv. -