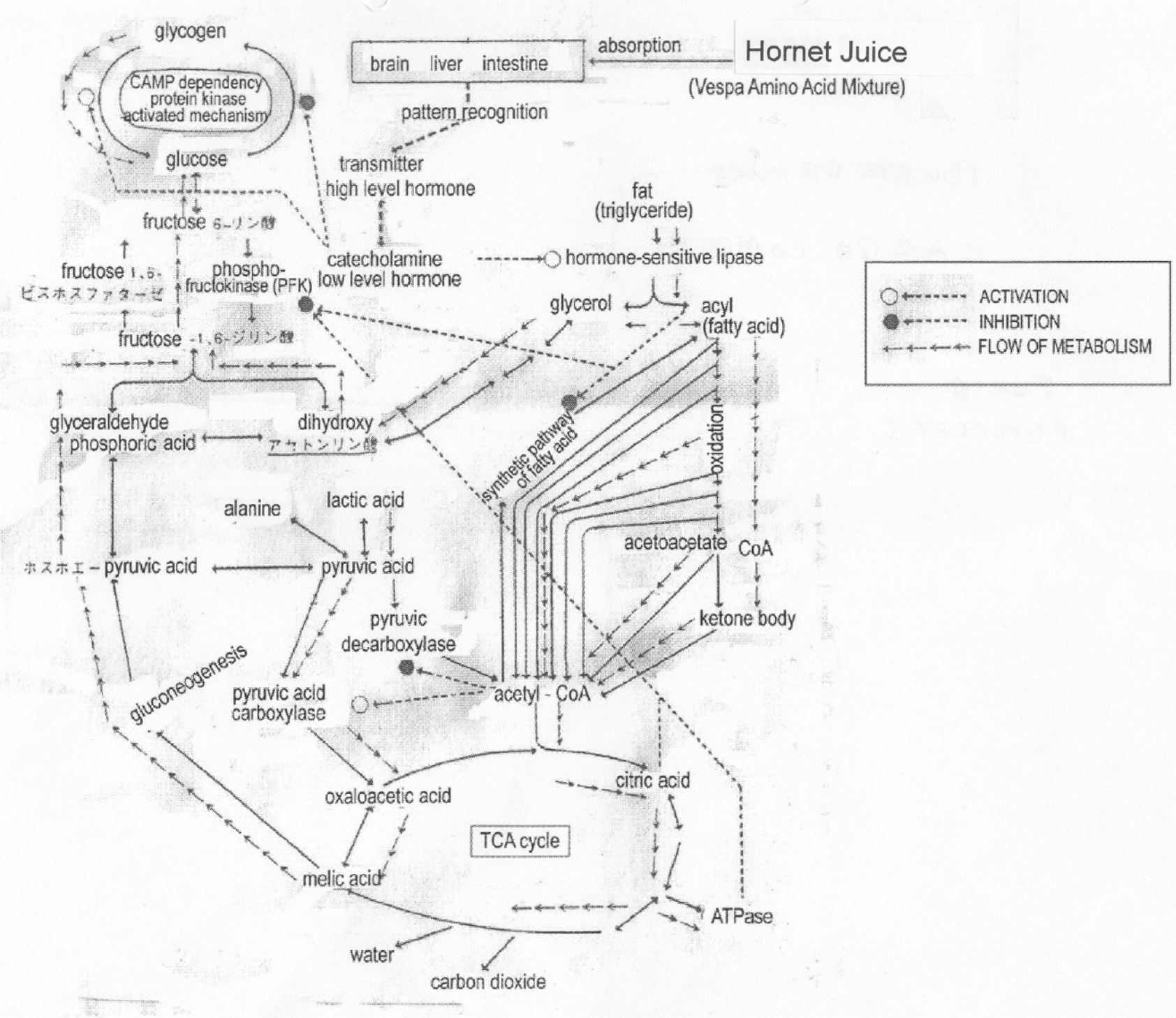
Hornet Juice
(Vespa Amino Acid Mixture)
absorption
brain liver intestine
pattern recognition
glycogen
CAMP dependency protein kinase activated mechanism
glucose
transmitter
high level hormone
fructose 6-リン酸
fructose 1,6-ビスホスファターゼ
phospho-fructokinase (PFK)
fructose -1,6-ジリン酸
catecholamine
low level hormone
fat (triglyceride)
hormone-sensitive lipase
glycerol
acyl (fatty acid)
ACTIVATION
INHIBITION
FLOW OF METABOLISM
glyceraldehyde phosphoric acid
dihydroxy アセトンリン酸
synthetic pathway of fatty acid
oxidation
alanine
lactic acid
ホスホエ－pyruvic acid
pyruvic acid
acetoacetate
CoA
ketone body
pyruvic decarboxylase
gluconeogenesis
pyruvic acid carboxylase
acetyl - CoA
citric acid
oxaloacetic acid
TCA cycle
melic acid
ATPase
water
carbon dioxide