Destino del acetilCoA

Biosintesi ac grassi

CH₃-CO-S-CoA

Chetogenesi

K r е b

S

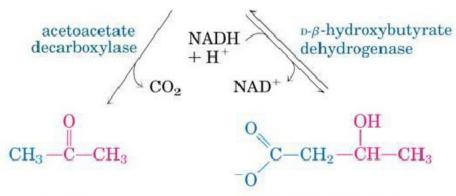
D-β-Hydroxybutyrate

Acetone

 β -Hydroxy- β -methylglutaryl-CoA (HMG-CoA)

 β -Hydroxy- β -methylglutaryl-CoA (HMG-CoA)

Acetoacetate



Acetone

D-β-Hydroxybutyrate

$$_{
m O}^{
m CH_3-C-CH_3}$$

Acetone

Acetoacetate

$$\mathrm{CH_3} - \mathrm{CH_2} - \mathrm{C}$$
 $\mathrm{CH_3} - \mathrm{CH_2} - \mathrm{C}$
 O^-

 $D-\beta$ -Hydroxybutyrate

Ketone Body Accumulation in Diabetic Ketosis

	Urinary excretion (mg/24 h)	Blood concentration (mg/100 mL)
Normal	≤125	<3
Extreme ketosis (untreated diabetes)	5,000	90

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