

Evolution and the Chemistry of Life



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Abstract

In this paper, we show the physics and chemistry of how life may have begun up to the stage of producing three amino acids and sugar. The reaction is telescopic to produce even more proteins. We use the parameters from Astro theology Mathematics covered extensively in other papers by this author.

Keywords: Chromium; Life Chemistry; Amino Acids, Butanoic Acid; Tryptophan; Cystene; L- Glutathione

Introduction

In this brief paper, we develop the balanced chemical equation that shows that life began from three amino acids which produced sugar. We show how Physics, or Astroheology, melds with Chemistry, the Periodic Table.

G/Coulomb= Chromium

$6.67/1.602=24=Cr$

Mass Cr=55.996 +26e-1/54=t

$t=e^M=1/54=3.989\approx 4=M$

$24(938)=2.25=9/4=c^2/M$

$24 \times 938 + 26(5.1099) = 1/4.416 = 1/148$

$\ln 148 = 5.0 = E \Rightarrow y = y' t = 3$

$51.996 \times 24 = 1.2479 \approx 1.25 = E_{min}$

$t = 0.801$

$2(5.1099)(26) = 265.7$

Butanoic Acid implies L-Tryptophan

C_2H_4O m mass

$44.0262 \times 6.023 = 265.7$

Butanoic acid results from L-Tryptophan. It is a n immune response for Ble Green Algae Cyanobacteria - one of the oldest life forms on Earth. Cyanobacteria forms Vitamin B12 (Figure 1).

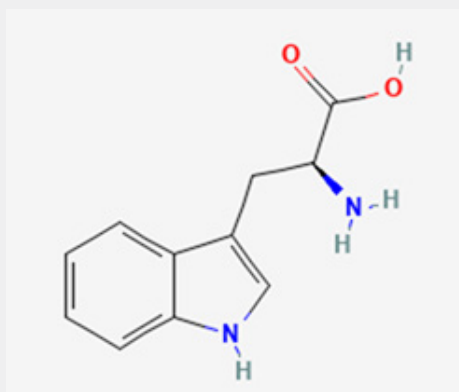


Figure 1: Tryptophan.

NaCl + HOH = Na(OH) + HCl
 Zn(OH) + HCl = HOH + ZnCl
 HOH = H + OH
 $2 \text{ZnCl} + \text{H}_2\text{O} + \text{C}_6\text{H}_{12}\text{O}_2 = 2 \text{Zn} + 2 \text{HCl} + 3 \text{C}_2\text{H}_4\text{O}$
 Zinc +Water + Sugar =Zinc Mineral +Stomach Acid+ Butanoic
 Acid

$$2(100.83)+1(18.02)+1(116.16)=2022=\text{H}_2 \text{ acid}$$



L- glutathione

$$24 (18.02)+1(302.28)=734.28 -100=265$$

Ethylene Oxide

$$\text{C}_2\text{H}_4\text{O} 44.05(6.023)=265=\text{SF}$$

$$t=e^M=e^{2.65}=1.415=\text{sqrt}2=E=\sin 45+\cos 45$$

For glutathione we need cystine and glutamate.

$$s=E \times t=|E||t|\sin \theta$$

$$\sin \theta =s/[Et]$$

$$y=y' \Rightarrow E=5, t=3$$

$$Et=15$$

$$s=Et$$

$$s=E^2Et \sin \theta$$

$$\sin \theta =s/E^2=\tan \theta =\sin \theta / \cos \theta$$

$$\sin \theta \cos \theta =\sin \theta$$

$$\cos \theta =1$$

$$\theta =0, \pi =t$$

$$\pi^2 - \pi -1=57.29^\circ=1 \text{ rad}=E$$

$$3^2+x^2=15^2$$

$$x^2=225/9$$

$$x^2=25=E^2 \text{ Perfect Square}$$

$$t=E$$

Cyanobacteria leads to Butanoic Acid which leads to Iron and red blood cells and oxygen metabolism. It also leads to Zinc. Butanoic acid also leads to H₂ Acid. Cysteine leads to Sulphur.

$$\text{Try Mo } M=204.29$$

$$\text{Cys Mol/ } M=121.15$$

$$\text{SUM}325.44 \times 6.023=1960 = \text{infinity divergent}$$

Immunoglobulins evolved from Cys, Try, and Glu (Figure 2)

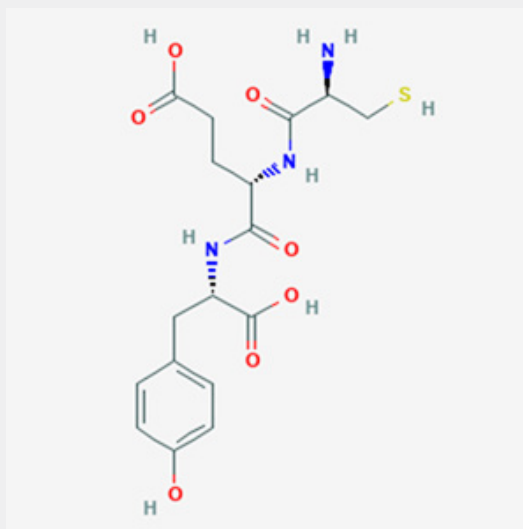
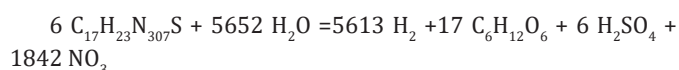


Figure 2: Cys-Glu-Try.



Cys-Glu-Try □ Sugar +Volcanos.

$$413.4 \times 6.023=2489=1/402=1/\text{Re}$$

$$1/\text{Re}=\text{VF}/\text{IF}$$

$$=1/2\rho v^2/[Ma]$$

$$=1/2(4/\text{Pi})v^2=[4 \times 1/\text{sqrt}2]$$

$$V=148.7$$

$$M= \text{Ln } 148.7=5.00=E$$

Conclusion

We have shown that life began with a combination of three amino acids (Cys-Glu-Tyr) which produced acid and sugar.



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