

Acetic Acid: Eigen-Compound & The Origins of Life

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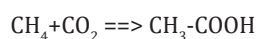
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Abstract

In this brief paper, we provide the mathematics undergirding the origin of life [1].

Opinion



(Methane + Carbon dioxide $\implies$ Acetic acid eigen compound)

$$3.5\text{BYA}/29.5 \text{ years/generation} = 1.407 \approx \sqrt{2} = \Delta t$$

$$E = e^t = e^{\sqrt{2}} = 411325 = 1/243 \approx 1/2.5 = 1/t; t = 2.5$$

$$\Delta t/t = (\pi)/3.5 \text{ BYA} = 2.995^2 \approx c^2$$

$$tc^2 = \Delta t$$

$$t = M$$

$$Mc^2 = PE = t = KE$$

Bond formation and breaking:

$$\text{C-C} = 1.61$$

$$\text{C-H} = 4.28$$

$$\text{C-O} = 3.71$$

$$\text{H-O} = 4.8$$

$$(-1.61) - (4.8) + 4.28 = -2.13 \text{ kJ}/c^2$$

$$E = e^{-897} = 2.45 \approx 2.5$$

$$\text{Ln } \pi/2.45 = 1/2.14 = 1/618 = 1/\sqrt{-1} = 1/E = t$$

$$1/(t-1) = 1/-t$$

$$t = -t + 1$$

$$2t - 1 = dE/dt$$

QED

Conclusion

We see that, using AT Math, we can link acentric acid to the origin of life.

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