

Answer on Question #54520 – Chemistry – Other

Task:

The recommended adult dose for Erythromycin Ethylsuccinate is 400 mg Every 6 hours.

What is the dose for a child who weighs 45 kg?

Answer:

$$D_{6\text{ hours}} = 45 \cdot 400 = 18,000 \text{ mg} = 18 \text{ g}$$

$$D_{\text{day}} = 18 \cdot \frac{24}{6} = 72 \text{ g / day}$$