

apigenin

→ 263 nm

$$\epsilon = 27000 \text{ l mol}^{-1} \text{ cm}^{-1}$$

→ 335 nm

$$\epsilon = 31800 \text{ l mol}^{-1} \text{ cm}^{-1}$$

~ E<sub>404</sub>

Eriodictiol

in MeOH

205 nm

$$70794 \text{ l mol}^{-1} \text{ cm}^{-1}$$

287

$$28183$$

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$$E = \epsilon \cdot c \cdot d$$

$$30000 \text{ l mol}^{-1} \text{ cm}^{-1}$$

E

E

d

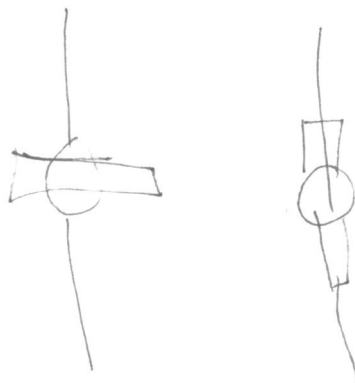
= c

$$c = \frac{1}{30000 \text{ l mol}^{-1} \cdot \text{cm}^{-1} \cdot 1 \text{ cm}} = 3.3 \cdot 10^{-5} \frac{\text{mol}}{\text{l}} (\text{M})$$

20  $\mu\text{M}$

$$3.3 \cdot 10^{-2} \text{ mM}$$

$$= 33 \mu\text{M}$$



10 mM 1:500 → 20  $\mu\text{M}$

