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ebook general chemistry the essential concepts

the molecule on the front cover is paclitaxel  $C_{47}H_{51}NO_{14}$  a chemotherapy drug that has been successful in treating breast lung and ovarian cancer it is extracted from the bark of the pacific yew tree *Taxus brevifolia* unfortunately the bark of a 100 year old

pacific yew tree yields about 3 kg of bark and only 300 mg of paclitaxel barely enough for a single dose of the drug taxol

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