

CHEMISTRY PROJECT

Drug: Tamifu

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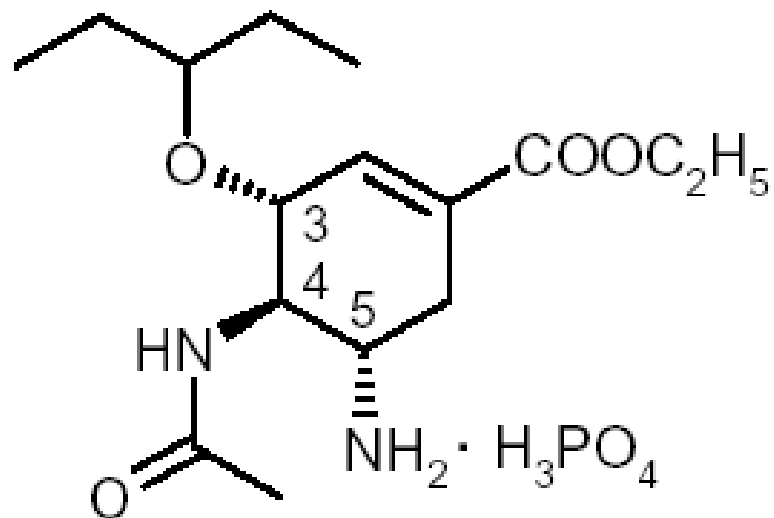


✦ Taking TAMIFLU



* Getting Prescription TAMIFLU

Structural formula:



IUPAC:

(3R,4R,5S)-4-acetylamino-5-amino-3(1-ethylpropoxy)-1-cyclohexene-1-carboxylic acid, ethyl ester, phosphate (1:1).



* Getting Prescription TAMIFLU

Making active ingredient

Ester hydrolysis





✿ About the Flu

Difficulties in treating the flu:

serious side effects

Gilead Sciences, a pharmaceutical factory, discovered Tamiflu



* Compare Flu Treatment Types

Tamiflu can

- Attacks the influenza virus
- Stops them from spreading inside our body
- s not simply masking flu symptoms

Side Effects and Safety



Tests were carried out for over 8000 patients suffering influenza

Patients can:

cure earlier

Unlikely to have a complication

relieve the symptoms of influenza

TAMIFLU for
Treatment
of Influenza



Tamiflu cannot be found in drugstores

Tamiflu needs doctor's approval

END
