

Question:

What is Penicillin?

페니실린이란 무엇인가?

Answer:

Penicillin is defined as a group of natural or semi-synthetic antibiotics derived from fungi strains of the genus *Penicillium*. Generally, all penicillins share a three-carbon, one-nitrogen, and four-member cyclic amide structure, known as the beta-lactam ring.

페니실린은 *Penicillium* 속에 속하는 진균류에서 유래한 천연 또는 반합성 항생제 그룹이다. 일반적으로 모든 페니실린에는 탄소 3개와 질소 1개로 구성된 4원환 아미드 구조물인 베타락탐 고리가 있다

References:

- Lewis, J, and K Bush, 2015, Antibacterial Agents, In: J Jorgensen, M Pfaller, K Carroll, G Funke, M Landry, S Richter, D Warnock, eds. Manual of Clinical Microbiology, 11th ed., Washington, DC: ASM Press, 1171-1211.

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