

Oxytetracycline

Catalog No: tcsc2265



Available Sizes

Size: 50mg

Size: 100mg



Specifications

CAS No:

79-57-2

Formula:

$C_{22}H_{24}N_2O_9$

Pathway:

Anti-infection

Target:

Bacterial

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

460.43

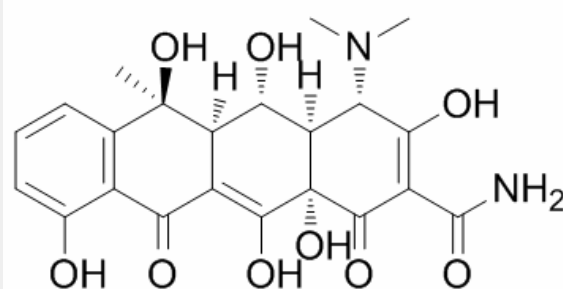
Product Description

Oxytetracycline is a tetracycline analog isolated from the actinomycete streptomyces rimosus and used in a wide variety of clinical conditions.

Target: Antibacterial

Oxytetracycline was the second of the broad-spectrum tetracycline group of antibiotics to be discovered. Oxytetracycline works by

interfering with the ability of bacteria to produce essential proteins. Without these proteins, the bacteria cannot grow, multiply and increase in numbers. Oxytetracycline therefore stops the spread of the infection and the remaining bacteria are killed by the immune system or eventually die. Oxytetracycline is a broad-spectrum antibiotic, active against a wide variety of bacteria. However, some strains of bacteria have developed resistance to this antibiotic, which has reduced its effectiveness for treating some types of infections [1, 2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!