

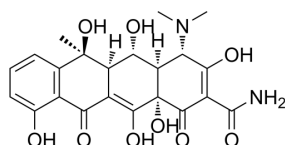
## Oxytetracycline

Cat. No.: HY-B0275  
 CAS No.: 79-57-2  
 Batch No.: 151590  
 Chemical Name: 2-Naphthacenecarboxamide, 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-, (4S,4aR,5S,5aR,6S,12aS)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{22}H_{24}N_2O_9$   
 Molecular Weight: 460.43  
 Storage: Powder -20°C 3 years  
 4°C 2 years  
 In solvent -80°C 2 years  
 -20°C 1 year

Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 Purity (HPLC): 99.05%  
 Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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