

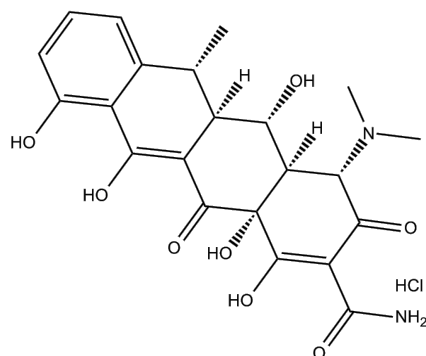
Certificate of Analysis

Product Name: Doxycycline hyclate
Cat. No.: GC13456
Batch No.: 2
Chemical Name: (4S,4aR,5S,5aR,6R,12aR)-4-(dimethylamino)-1,5,10,11,12a-pentahydroxy-6-methyl-3,12-dioxo-3,4,4a,5,5a,6,12,12a-octahydrotetracene-2-carboxamide hydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 24390-14-5
Molecular Formula: $C_{23}H_{29}ClN_2O_9$
Molecular Weight: 512.94
Storage: 4°C, protect from light

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98.00%
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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