

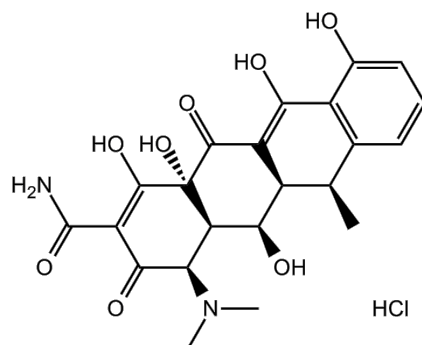
Certificate of Analysis

Product Name: Doxycycline HCl
Cat. No.: GC13750
Batch No.: 1
Chemical Name: (4S,4aR,5S,5aR,6R,12aR)-4-(dimethylamino)-1,5,10,11,12a-pentahydroxy-6-methyl-3,12-dioxo-4a,5,5a,6-tetrahydro-4H-tetracene-2-carboxamide;hydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 10592-13-9
Molecular Formula: $C_{22}H_{24}N_2O_8 \cdot HCl$
Molecular Weight: 480.9
Storage: Store at $-20^{\circ}C$

Chemical Structure:



ANALYTICAL DATA

Appearance: solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98%
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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