
Certificate of Analysis

Product Name: Demeclocycline hydrochloride
Cat. No.: GC13212
Batch No.: 1
Chemical Name: (4S,4aS,5aS,6S,12aS)-7-chloro-4-(dimethylamino)-3,6,10,12,12a-pentahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carbimidic acid hydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 64-73-3
Molecular Formula: $C_{21}H_{22}Cl_2N_2O_8$
Molecular Weight: 501.31
Storage: Store at -20°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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