Chlortetracycline (hydrochloride)

Cat. No.: HY-B1327
CAS No.: 64-72-2
Batch No.: 17765
Chemical Name: 2-Naphthacenecarboxamide, 7-chloro-4-(dimethylamino)-1,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-, hydrochloride (1:1), (4S,4aS,5aS,6S,12aS)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C_{22}H_{24}Cl_{2}N_{2}O_{8}
Molecular Weight: 515.34
Storage:
- Powder -20°C 3 years
- 4°C 2 years
- In solvent -80°C 6 months
- -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)
\textsuperscript{1}H NMR Spectrum: Consistent with structure
Purity (NMR): >95.0%
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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