

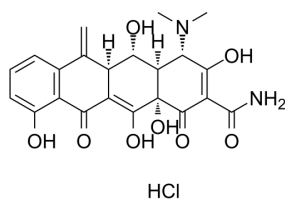
Methacycline (hydrochloride)

Cat. No.: HY-B0449
CAS No.: 3963-95-9
Batch No.: 19089
Chemical Name: 2-Naphthacenecarboxamide, 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-, hydrochloride (1:1), (4S,4aR,5S,5aR,12aS)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{22}H_{23}ClN_2O_8$
Molecular Weight: 478.88
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)
 1H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (LCMS): 99.71%
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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