

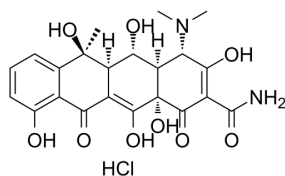
## Oxytetracycline (hydrochloride)

Cat. No.:	HY-B0275A
CAS No.:	2058-46-0
Batch No.:	80767
Chemical Name:	2-Naphthacenecarboxamide, 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-, hydrochloride (1:1), (4S,4aR,5S,5aR,6S,12aS)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>22</sub> H <sub>25</sub> ClN <sub>2</sub> O <sub>9</sub>
Molecular Weight:	496.89
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)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	98.10%
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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