

Tetracycline

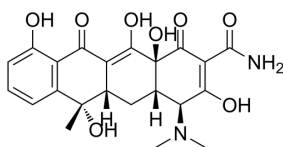
Cat. No.:	HY-A0107
CAS No.:	60-54-8
Batch No.:	217967
Chemical Name:	2-Naphthacene-carboxamide, 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-, (4S,4aS,5aS,6S,12aS)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₂ H ₂₄ N ₂ O ₈		
Molecular Weight:	444.43		
Storage:	Powder	-20°C	3 years
		4°C	2 years

* The compound is unstable in solutions, freshly prepared is recommended.

Chemical Structure:



ANALYTICAL DATA

Appearance:	Light yellow to yellow (Solid)
¹ H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	≥98.0%
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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