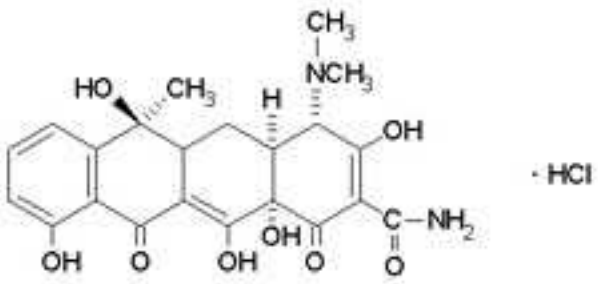
Product Information Sheet

T859



Tetracycline Hydrochloride

Synonym:	[4S-(4α,4aα,5aα,6β,12aα)]-4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-napthacenecarboxamide Hydrochloride
CAS:	64-75-5
Formula:	$C_{22}H_{24}N_2O_8$•HCl
Molecular Wt:	480.94

Properties

Form:	Powder
Appearance:	Yellow Powder
Application:	Plant Tissue Culture Antibiotic
Solubility:	Water
Typical Working Concentration:	
Storage Temp:	-20 to 0° C
Storage Temp of Stock Solution:	Solutions of Tetracycline are stable at -20 to 0° C for short periods of time. Tetracycline hydrolyzes in the presence of water to form a turbid solution. It will not hydrolyze completely, and the resulting trace amount solutions are stable for longer periods of time at -20 to 0° C.
Other Notes:	

Application Notes

Please Note: It is the sole responsibility of the purchaser to determine the appropriateness of this product for the specific plants that are being cultured and applications that are being used.

References

Merck **13**, 9271

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