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Product Datasheet

Doxycycline monohydrate, CAS [[17086-28-1]] FBM-10-3765

Article Name	Doxycycline monohydrate, CAS [[17086-28-1]]
Biozol Catalog Number	FBM-10-3765
Supplier Catalog Number	10-3765
Alternative Catalog Number	FBM-10-3765-1G,FBM-10-3765-5G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Broad spectrum antibiotic...
Molecular Weight	462.46
Purity	>98% by HPLC, NMR (Conforms)
Form	Pale yellow solid
CAS Number	[17086-28-1]
Formula	C ₂₂ H ₂₄ N ₂ O ₈ H ₂ O
Application Notes	Doxycycline monohydrate is a broad-spectrum tetracycline antibiotic.1 Inhibits matrix metalloproteases.2 Promotes wound repair by inhibiting collagen degradation in rat models.3 Displays neuroprotective effects in neurodegenerative diseases.4 Frequently used in doxycycline-controlled transcriptional activation systems for regulation of gene expression in cell culture and organisms.5,6