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Product Datasheet

Florfenicol, CAS [[73231-34-2]] FBM-10-3038

Article Name	Florfenicol, CAS [[73231-34-2]]
Biozol Catalog Number	FBM-10-3038
Supplier Catalog Number	10-3038
Alternative Catalog Number	FBM-10-3038-1G,FBM-10-3038-5G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Broad-spectrum antibiotic...
Molecular Weight	358.21
Purity	>98% by HPLC NMR (conforms)
Form	White solid
CAS Number	[73231-34-2]
Formula	C ₁₂ H ₁₄ Cl ₂ FNO ₄ S
Application Notes	Florfenicol is a fluoro-analog of thiamphenicol and is a broad-spectrum antibiotic^{1,2} which is widely used in animal health³. It interferes with bacterial protein synthesis by binding to the 50S subunit of the 70S ribosome.⁴ Extensive use in aquaculture, livestock and poultry farming has led to an increase in bacterial antibiotic resistance and facilitated the spread of resistance genes.⁴ Suppresses LPS-stimulated splenocyte proliferation and impairs immune responses in mice.⁵