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## Product Datasheet

### Florfénicol, CAS [[73231-34-2]]

### FBM-10-3038

Article Name	Florfénicol, 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 <sub>12</sub> H <sub>14</sub> Cl <sub>2</sub> FNO <sub>4</sub> S
Application Notes	Florfénicol is a fluoro-analog of thiampénicol and is a broad-spectrum antibiotic <sup>1,2</sup> which is widely used in animal health <sup>3</sup> . It interferes with bacterial protein synthesis by binding to the 50S subunit of the 70S ribosome. <sup>4</sup> Extensive use in aquaculture, livestock and poultry farming has led to an increase in bacterial antibiotic resistance and facilitated the spread of resistance genes. <sup>4</sup> Suppresses LPS-stimulated splenocyte proliferation and impairs immune responses in mice. <sup>5</sup>