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## Product Datasheet

### Selamectin, CAS [[220119-17-5]] BYT-ORB1303218

Article Name	Selamectin, CAS [[220119-17-5]]
Biozol Catalog Number	BYT-ORB1303218
Supplier Catalog Number	orb1303218
Alternative Catalog Number	BYT-ORB1303218-1, BYT-ORB1303218-10, BYT-ORB1303218-100, BYT-ORB1303218-200, BYT-ORB1303218-25, BYT-ORB1303218-5, BYT-ORB1303218-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Selamectin (UK-124114) is a macrocyclic lactone anthelmintic derived from ivermectin. It acts by potentiating glutamate- and GABA-gated chloride channels in parasitic nematodes, as demonstrated by its growth inhibitory effect at 0.1 µg/ml in Haemonch...
Molecular Weight	769.96
Purity	>99.99% (May vary between batches)
CAS Number	[220119-17-5]
Formula	C43H63NO11
Target	Antibacterial,P-gp,Parasite,Chloride channel
Application Notes	Solubility: DMSO:90 mg/mL (116.89 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (4.29 mM)