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## Product Datasheet

### Moxidectin, CAS [[113507-06-5]] FBM-10-4436

Article Name	Moxidectin, CAS [[113507-06-5]]
Biozol Catalog Number	FBM-10-4436
Supplier Catalog Number	10-4436
Alternative Catalog Number	FBM-10-4436-20MG,FBM-10-4436-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Anthelmintic/YAP-TAZ blocker...
Molecular Weight	639.83
Purity	>98% by HPLC NMR (conforms)
Form	White solid
CAS Number	[113507-06-5]
Formula	C37H53NO8
Application Notes	Moxidectin is a macrocyclic lactone anthelmintic drug used in veterinary medicine for the treatment of various parasitic diseases. In 2018, It was approved for use in the treatment of river-blindness in humans. <sup>1</sup> Moxidectin is also being investigated as a possible treatment for scabies in humans. <sup>2</sup> Moxidectin inhibited the proliferation of several glioblastoma multiforme (GBM) cell lines via induction of apoptosis. <sup>3</sup> It inhibited the MEK-ERK pathway resulting in blocking of nuclear translocation and transcription of the YAP/TAZ-TEAD complex in GBM cells. It suppressed growth of GBM tumors by 90% in an intracranial tumor model.