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## Product Datasheet

### Amikacin, CAS [[37517-28-5]] BYT-ORB1310051

Article Name	Amikacin, CAS [[37517-28-5]]
Biozol Catalog Number	BYT-ORB1310051
Supplier Catalog Number	orb1310051
Alternative Catalog Number	BYT-ORB1310051-100,BYT-ORB1310051-25,BYT-ORB1310051-50,BYT-ORB1310051-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Amikacin is a semisynthetic aminoglycoside antibiotic, derived from kanamycin, with broad-spectrum activity. It is widely used in research to study antibacterial mechanisms and efficacy, both in vitro against resistant bacterial strains and in vivo w...
Molecular Weight	585.6
Purity	99.92% (May vary between batches)
CAS Number	[37517-28-5]
Formula	C <sub>22</sub> H <sub>43</sub> N <sub>5</sub> O <sub>13</sub>
Target	Antibacterial,Antibiotic,ribosome
Application Notes	Solubility: DMSO:45 mg/mL (76.84 mM),H <sub>2</sub> O:50 mg/mL (85.38 mM)