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## Product Datasheet

### **ML318, CAS [[1610516-67-0]] BYT-ORB1298854**

Article Name	ML318, CAS [[1610516-67-0]]
Biozol Catalog Number	BYT-ORB1298854
Supplier Catalog Number	orb1298854
Alternative Catalog Number	BYT-ORB1298854-1, BYT-ORB1298854-10, BYT-ORB1298854-100, BYT-ORB1298854-200, BYT-ORB1298854-25, BYT-ORB1298854-5, BYT-ORB1298854-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	ML318 is a potent biaryl nitrile inhibitor of the PvdQ acylase, exhibiting an IC50 of 20 nM. It effectively suppresses Pseudomonas aeruginosa (PAO1) growth (IC50 = 19 µM) and pyoverdine siderophore production, particularly under iron-limiting condi...
Molecular Weight	280.22
Purity	98.93% (May vary between batches)
CAS Number	[1610516-67-0]
Formula	C14H8F4N2
Target	Antibiotic
Application Notes	Solubility: DMSO:60 mg/mL (214.12 mM)