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## Product Datasheet

### SKI-178, CAS [[1259484-97-3]] BYT-ORB1298446

Article Name	SKI-178, CAS [[1259484-97-3]]
Biozol Catalog Number	BYT-ORB1298446
Supplier Catalog Number	orb1298446
Alternative Catalog Number	BYT-ORB1298446-1, BYT-ORB1298446-10, BYT-ORB1298446-100, BYT-ORB1298446-2, BYT-ORB1298446-25, BYT-ORB1298446-5, BYT-ORB1298446-50, BYT-ORB1298446-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	SKI-178 is a potent SphK1 inhibitor (IC50 0.1-1.8 $\mu$ M) that triggers prolonged mitosis and intrinsic apoptosis. This effect is mediated by sustained CDK1 activity, which phosphorylates Bcl-2 and Bcl-xL while degrading Mcl-1. It serves as a valuable ch...
Molecular Weight	394.42
Purity	99.20% (May vary between batches)
CAS Number	[1259484-97-3]
Formula	C21H22N4O4
Target	Apoptosis,S1P Receptor
Application Notes	Solubility: DMSO:50 mg/mL (126.77 mM),10% DMSO+90% Corn Oil:2.5 mg/mL (6.34 mM)