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Product Datasheet

WYE-354, CAS [[1062169-56-5]] BYT-ORB1300518

Article Name	WYE-354, CAS [[1062169-56-5]]
Biozol Catalog Number	BYT-ORB1300518
Supplier Catalog Number	orb1300518
Alternative Catalog Number	BYT-ORB1300518-1,BYT-ORB1300518-5,BYT-ORB1300518-10,BYT-ORB1300518-25,BYT-ORB1300518-50,BYT-ORB1300518-100
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	WYE-354 is a potent, selective, and ATP-competitive mTOR inhibitor with an IC50 of 5 nM. It effectively suppresses mTORC2-mediated P-AKT(S473) and mTORC1-mediated P-S6K(T389) signaling, demonstrating high selectivity over PI3K isoforms. This inhibito...
Molecular Weight	495.53
Purity	99.61% (May vary between batches)
CAS Number	[1062169-56-5]
Formula	C24H29N7O5
Target	Autophagy,mTOR,PI3K,Apoptosis
Application Notes	Solubility: Ethanol:< 1 mg/mL (insoluble or slightly soluble),DMSO:92 mg/mL (185.66 mM),H2O:< 1 mg/mL (insoluble or slightly soluble),10% DMSO+40% PEG300+5% Tween-80+45% Saline:1 mg/mL (2.02 mM)