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Product Datasheet

WYE-687, CAS [[1062161-90-3]] BYT-ORB1685619

Article Name	WYE-687, CAS [[1062161-90-3]]
Biozol Catalog Number	BYT-ORB1685619
Supplier Catalog Number	orb1685619
Alternative Catalog Number	BYT-ORB1685619-1, BYT-ORB1685619-10, BYT-ORB1685619-100, BYT-ORB1685619-25, BYT-ORB1685619-5, BYT-ORB1685619-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	WYE-687 is a potent and selective ATP-competitive mTOR inhibitor with an IC50 of 7 nM. It effectively suppresses mTORC1 and mTORC2 signaling by inhibiting pS6K(T389) and pAKT(S473), respectively, while showing high selectivity over PI3K isoforms. Thi...
Molecular Weight	528.61
Purity	99.93% (May vary between batches)
CAS Number	[1062161-90-3]
Formula	C28H32N8O3
Target	mTOR,PI3K,p38 MAPK,Src
Application Notes	Solubility: H2O:60.2 mg/mL (113.88 mM),DMSO:60.2 mg/mL (113.88 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (3.78 mM)