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Product Datasheet

Rheb inhibitor NR1, CAS [[2216763-38-9]] BYT-ORB1706721

Article Name	Rheb inhibitor NR1, CAS [[2216763-38-9]]
Biozol Catalog Number	BYT-ORB1706721
Supplier Catalog Number	orb1706721
Alternative Catalog Number	BYT-ORB1706721-1, BYT-ORB1706721-1, BYT-ORB1706721-10, BYT-ORB1706721-100, BYT-ORB1706721-25, BYT-ORB1706721-5, BYT-ORB1706721-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	NR1 is a small molecule inhibitor that selectively targets Rheb and mTORC1, suppressing pS6K1 T389 phosphorylation while enhancing pAKT S473 phosphorylation. This tool compound is used in vitro and in vivo to study mTOR signaling dynamics in cancer a...
Molecular Weight	578.3
Purity	99.72% (May vary between batches)
CAS Number	[2216763-38-9]
Formula	C ₂₅ H ₁₉ BrCl ₂ N ₂ O ₃ S
Target	mTOR
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (3.46 mM),DMSO:50 mg/mL (86.46 mM)