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Product Datasheet

ALC-0315, CAS [[2036272-55-4]] BYT-ORB1818985

Article Name	ALC-0315, CAS [[2036272-55-4]]
Biozol Catalog Number	BYT-ORB1818985
Supplier Catalog Number	orb1818985
Alternative Catalog Number	BYT-ORB1818985-1,BYT-ORB1818985-10,BYT-ORB1818985-100,BYT-ORB1818985-200,BYT-ORB1818985-25,BYT-ORB1818985-250,BYT-ORB1818985-5,BYT-ORB1818985-50,BYT-ORB1818985-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	ALC-0315 is an ionizable amino lipid employed in the formulation of lipid nanoparticles (LNPs) for nucleic acid delivery. Its application is prominent in mRNA vaccine research, including for COVID-19, facilitating both in vitro transfection studies a...
Molecular Weight	766.27
Purity	99.89% (May vary between batches)
CAS Number	[2036272-55-4]
Formula	C ₄₈ H ₉₅ N ₅ O ₅
Target	SARS-CoV,Others,Liposome
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:4 mg/mL (5.22 mM),DMSO:100 mg/mL (130.5 mM)