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## Product Datasheet

### DMG-PEG 2000, CAS [[160743-62-4]] BYT-ORB1298372

Article Name	DMG-PEG 2000, CAS [[160743-62-4]]
Biozol Catalog Number	BYT-ORB1298372
Supplier Catalog Number	orb1298372
Alternative Catalog Number	BYT-ORB1298372-100, BYT-ORB1298372-25, BYT-ORB1298372-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	DMG-PEG2000 is a lipid-PEG conjugate used to formulate lipid nanoparticles (LNPs) for nucleic acid delivery. It enhances mucus penetration for oral plasmid DNA delivery in vivo and improves the transfection efficiency of siRNA-loaded liposomes in bot...
Molecular Weight	2526
Purity	98% (May vary between batches)
CAS Number	[160743-62-4]
Formula	(C2H4O) <sub>n</sub> C32H62O5
Target	Liposome,Others
Application Notes	Solubility: Ethanol:100 mg/mL (39.59 mM),DMSO:60 mg/mL (23.75 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (0.79 mM)