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## Product Datasheet

### DOTMA, CAS [[104872-42-6]] BYT-ORB1685342

Article Name	DOTMA, CAS [[104872-42-6]]
Biozol Catalog Number	BYT-ORB1685342
Supplier Catalog Number	orb1685342
Alternative Catalog Number	BYT-ORB1685342-1,BYT-ORB1685342-10,BYT-ORB1685342-100,BYT-ORB1685342-25,BYT-ORB1685342-5,BYT-ORB1685342-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	DOTMA is a cationic lipid analog of DOTA used as a non-viral vector for gene delivery. It effectively forms positively charged liposomes for encapsulating nucleic acids like siRNA, enabling efficient gene transfection in both in vitro and in vivo res...
Molecular Weight	670.58
Purity	99.72% (May vary between batches)
CAS Number	[104872-42-6]
Formula	C42H84ClNO2
Target	Liposome,Others
Application Notes	Solubility: DMSO:45 mg/mL (67.11 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (2.98 mM)