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## Product Datasheet

### SM-102, CAS [[2089251-47-6]] BYT-ORB1298110

Article Name	SM-102, CAS [[2089251-47-6]]
Biozol Catalog Number	BYT-ORB1298110
Supplier Catalog Number	orb1298110
Alternative Catalog Number	BYT-ORB1298110-2, BYT-ORB1298110-5, BYT-ORB1298110-1, BYT-ORB1298110-10, BYT-ORB1298110-25, BYT-ORB1298110-50, BYT-ORB1298110-100, BYT-ORB1298110-250, BYT-ORB1298110-1
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	SM-102 is a clinically approved ionizable cationic lipid used to formulate lipid nanoparticles (LNPs) for mRNA delivery. It is a key component in research for developing mRNA vaccines and therapeutics, with applications in both in vitro and in vivo s...
Molecular Weight	710.17
Purity	99.75% (May vary between batches)
CAS Number	[2089251-47-6]
Formula	C44H87NO5
Target	Liposome,Others
Application Notes	Solubility: DMSO: 55 mg/mL (77.45 mM), Sonication is recommended. Ethanol: 100 mg/mL (140.81 mM), Sonication is recommended