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## Product Datasheet

### Methyl methanesulfonate, CAS [[66-27-3]] BYT-ORB1297752

Article Name	Methyl methanesulfonate, CAS [[66-27-3]]
Biozol Catalog Number	BYT-ORB1297752
Supplier Catalog Number	orb1297752
Alternative Catalog Number	BYT-ORB1297752-10
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Methyl methanesulfonate (MMS) is a DNA alkylating agent that primarily methylates adenine and guanine bases, leading to 3-methyladenine and 7-methylguanine lesions. These modifications cause base mispairing and replication blocks, making MMS a valuab...
Molecular Weight	110.13
Purity	99.69% (May vary between batches)
CAS Number	[66-27-3]
Formula	C2H6O3S
Target	DNA Alkylator/Crosslinker, Necroptosis, MDM-2/p53, ROS, DNA Alkylation
Application Notes	Solubility: DMSO:60 mg/mL (544.81 mM)