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Product Datasheet

Trimethylamine N-oxide, CAS [[1184-78-7]] BYT-ORB1945027

Article Name	Trimethylamine N-oxide, CAS [[1184-78-7]]
Biozol Catalog Number	BYT-ORB1945027
Supplier Catalog Number	orb1945027
Alternative Catalog Number	BYT-ORB1945027-1, BYT-ORB1945027-100
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Trimethylamine N-oxide (TMAO) is a dietary metabolite linked to gut flora that promotes cardiac fibrosis. It activates inflammatory pathways like ROS/NLRP3 and drives fibroblast differentiation via TGF-beta/Smad2 signaling, making it a valuable tool ...
Molecular Weight	75.11
Purity	98.00% (May vary between batches)
CAS Number	[1184-78-7]
Formula	C3H9NO
Target	Reactive Oxygen Species,NOD-like Receptor (NLR),TGF-beta/Smad
Application Notes	Solubility: H2O:10 mg/mL (133.14 mM),DMSO:125 mg/mL (1664.23 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (26.63 mM)