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Product Datasheet

Mito-TEMPO FBM-10-4100

Article Name	Mito-TEMPO
Biozol Catalog Number	FBM-10-4100
Supplier Catalog Number	10-4100
Alternative Catalog Number	FBM-10-4100-5MG,FBM-10-4100-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitochondria targeted antioxidant...
Molecular Weight	510.03
Purity	98% by TLC [5% methanol in methylene chloride, Rf = 0.50] HR Mass Spec. (Conforms)
Form	Pale orange solid
CAS Number	[1334850-99-5]
Formula	C29H35N2O2CIP
Application Notes	Mitochondria-targeted antioxidant. Partially prevents mitochondrial permeability transition pore opening, necrosis and mitochondrial apoptosis after ATP depletion recovery.1 Resolves mitochondrial oxidative stress and rescues coronary collateral growth in Zucker obese fatty rats.2 Protects mitochondrial membrane potential and attenuates reperfusion-induced ROS production in a mouse ventricular myocyte model.3 Abrogates the induction of senescence in a human vascular smooth muscle cell model.4