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Product Datasheet

Mito-TEMPO, CAS [[1334850-99-5]] FBM-10-4100

Article Name	Mito-TEMPO, CAS [[1334850-99-5]]
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	C29H35N2O2ClP
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