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Product Datasheet

Mito-Ionidamine FBM-10-5492

Article Name	Mito-Ionidamine
Biozol Catalog Number	FBM-10-5492
Supplier Catalog Number	10-5492
Alternative Catalog Number	FBM-10-5492-5MG,FBM-10-5492-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitochondria-targeted antiglycolytic agent...
Molecular Weight	801.63
Purity	>98% by TLC NMR (Conforms)
Form	White solid
CAS Number	[2361564-49-8]
Formula	C43H45BrCl2N3OP
Application Notes	Antiglycolytic drug with limited efficacy. ^{1,2} Mito-Ionidamine (2361564-49-8) is Ionidamine conjugated to a triphenylphosphonium moiety via a decyl-linker which is an effective mitochondria-targeting group. ³ Mito-Ionidamine was shown to be 100-fold more potent than Ionidamine. It is a tumor-selective inhibitor of oxidative phosphorylation inhibiting mitochondrial bioenergetics in lung cancer cells and suppressing lung cancer cell viability, growth, progression and metastasis of lung cancer xenografts in mice. ³