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Product Datasheet

MitoBloCK-12, CAS [[522-51-0]] FBM-10-1525

Article Name	MitoBloCK-12, CAS [[522-51-0]]
Biozol Catalog Number	FBM-10-1525
Supplier Catalog Number	10-1525
Alternative Catalog Number	FBM-10-1525-50MG, FBM-10-1525-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitochondrial import inhibitor...
Molecular Weight	527.58
Purity	>98% by TLC NMR (Conforms)
Form	Beige solid
CAS Number	[522-51-0]
Formula	C30H40Cl2N4
Application Notes	Attenuates mitochondrial protein import (4-10 uM). Discovered in a screen of FDA-approved drugs. Blocks translocation of a mutant form of alanine: glyoxylate aminotransferase (AGT) to the mitochondria and restores AGT trafficking to peroxisomes. ¹ Also reduces oxalate accumulation and thus has potential to treat patients with primary hyperoxaluria 1 who possess mutations in AGT. ¹ Also displays antimicrobial activity ² , inhibits apamin-sensitive K ⁺ channels ³ and induces apoptosis by inhibiting XIAP ⁴ .