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Product Datasheet

MitoBloCK-12 FBM-10-1525

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| Article Name | MitoBloCK-12 |
| 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 . |