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Product Datasheet

MitoBloCK-6, CAS [[303215-67-0]] FBM-10-1472

Artikelname	MitoBloCK-6, CAS [[303215-67-0]]
Artikelnummer	FBM-10-1472
Hersteller Artikelnummer	10-1472
Alternativnummer	FBM-10-1472-5MG, FBM-10-1472-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Mitochondrial import inhibitor...
Molekulargewicht	357.24
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	Orange solid
CAS Nummer	[303215-67-0]
Formel	C ₁₉ H ₁₄ Cl ₂ N ₂ O
Anwendungsbeschreibung	Inhibits redox-regulated protein translocation into mitochondria. It attenuates the import of Erv1 substrates by inhibition of Erv1 oxidase activity (the import of Tim23 and AAC was decreased by ~50% at 20 µM). MitoBloCK-6 elucidated an unexpected role for Erv1 in the carrier import pathway, namely transferring substrates from the translocase of the outer membrane complex into the small Tim complexes. It impaired cardiac development in zebrafish embryos and induced apoptosis via the release of cytochrome c in human embryonic stem cells but not differentiated cells ¹ .