

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

DRP1 inhibitor 4a FBM-10-3912

Article Name	DRP1 inhibitor 4a
Biozol Catalog Number	FBM-10-3912
Supplier Catalog Number	10-3912
Alternative Catalog Number	FBM-10-3912-5MG, FBM-10-3912-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitochondrial fission inhibitor...
Molecular Weight	359.43
Purity	>98% by HPLC NMR Conforms
Form	Yellow solid
Formula	C22H21N3O2
Application Notes	DRP1 inhibitor 4a blocks (IC50 = 100 nM) the protein-protein interaction between dynamin related protein 1 (DRP1) and the mitochondrial membrane receptor MiD49 preventing mitochondrial fragmentation. ¹ It prevented roughly half of mitochondrial fragmentation in A549 cells caused by carbonylcyanide-3-chlorophenylhydrazone (CCCP).