

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

Product Datasheet

Decylubiquinone, CAS [[55486-00-5]]

FBM-10-2580

Article Name	Decylubiquinone, CAS [[55486-00-5]]
Biozol Catalog Number	FBM-10-2580
Supplier Catalog Number	10-2580
Alternative Catalog Number	FBM-10-2580-10MG, FBM-10-2580-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	MPTP inhibitor...
Molecular Weight	322.44
Purity	97% by HPLC NMR (Conforms)
Form	Yellow/Orange Oil
CAS Number	[55486-00-5]
Formula	C19H30O4
Application Notes	Inhibits the Ca ²⁺ dependent mitochondrial permeability transition pore (MPTP) without inhibiting respiration. ¹ Maximum effect on Ca ²⁺ retention capacity of rat liver mitochondria at 100 µM. Inhibits etoposide-induced apoptosis in L929 cells at 5 µM via inhibition of cytochrome c release. ² Delays rotenone-induced cardiac dysfunction in a zebrafish model of development and cardiovascular function. ³ Substrate for various quinone oxidoreductases. ^{4,5}