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## 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 <sup>2+</sup> dependent mitochondrial permeability transition pore (MPTP) without inhibiting respiration. <sup>1</sup> Maximum effect on Ca <sup>2+</sup> retention capacity of rat liver mitochondria at 100 µM. Inhibits etoposide-induced apoptosis in in L929 cells at 5 µM via inhibition of cytochrome c release. <sup>2</sup> Delays rotenone-induced cardiac dysfunction in a zebrafish model of development and cardiovascular function. <sup>3</sup> Substrate for various quinone oxidoreductases. <sup>4,5</sup>