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Product Datasheet

Dodecyl-TPP, CAS [[15510-55-1]] FBM-10-3781

Article Name	Dodecyl-TPP, CAS [[15510-55-1]]
Biozol Catalog Number	FBM-10-3781
Supplier Catalog Number	10-3781
Alternative Catalog Number	FBM-10-3781-50MG, FBM-10-3781-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitochondria-targeted cancer stem cell inhibitor...
Molecular Weight	511.52
Purity	98% by TLC NMR (Conforms)
Form	White solid
CAS Number	[15510-55-1]
Formula	C ₃₀ H ₄₀ BrP
Application Notes	A mitochondria-targeting agent which inhibits mitochondrial function inhibiting oxidative phosphorylation and shifting cell metabolism to glycolysis. ¹ Potently eradicates cancer stem cells (50 nm to 1 M) selectively over normal cells ¹ . Synergizes with FDA-approved drugs such as doxycycline and nicolsamide as well as natural compounds such as berberine. Selectively inhibits the growth of Gram-positive over Gram-negative bacteria. ²