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## Product Datasheet

### Filipin III FBM-10-1490

Article Name	Filipin III
Biozol Catalog Number	FBM-10-1490
Supplier Catalog Number	10-1490
Alternative Catalog Number	FBM-10-1490-1MG,FBM-10-1490-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Cholesterol probe...
Molecular Weight	654.85
Purity	98% by HPLC, NMR (Conforms)
Form	White or slightly yellow solid
CAS Number	[480-49-9]
Formula	C <sub>35</sub> H <sub>58</sub> O <sub>11</sub>
Application Notes	Filipin III is a polyene macrolide antibiotic. It may be used in a double staining procedure for the detection of lipoproteins <sup>1</sup> . Binds specifically to cholesterol forming a fluorescent complex which may be used for staining <sup>2</sup> . Disrupts the lipid raft/caveolae endocytosis pathway <sup>3</sup> . Prevents pathological prion protein accumulation by reducing endocytosis and inducing cellular PrP release <sup>4</sup> .