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## Product Datasheet

### Filipin III, CAS [[480-49-9]] FBM-10-1490

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Artikelname              | Filipin III, CAS [[480-49-9]]                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Artikelnummer            | FBM-10-1490                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Hersteller Artikelnummer | 10-1490                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Alternativnummer         | FBM-10-1490-1MG,FBM-10-1490-5MG                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Produktbeschreibung      | Cholesterol probe...                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Molekulargewicht         | 654.85                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reinheit                 | 98% by HPLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Formulierung             | White or slightly yellow solid                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CAS Nummer               | [480-49-9]                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formel                   | C35H58O11                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Anwendungsbeschreibung   | 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> . |