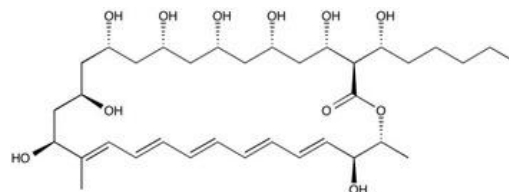


Filipin III, Cholesterol probe

Catalog	Unit
TBI1490 - 1MG	1 mg
TBI1490 - 5MG	5 mg

Product Details

Formal Name: From *Streptomyces filipinensis*
Molecular Formula: C₃₅H₅₈O₁₁
Formula Weight: 654.85
CAS Number: 480-49-9
Purity: >98%
Formulation: Powder
Solubility: Soluble in Methanol (up to 10 mg/ml)
Storage: -20°C / protect from light
Stability: ≥ 2 years.



Applications

Cholesterol probe

Functions

Filipin III (480-49-9) is a polyene macrolide antibiotic. It may be used in a double staining procedure for the detection of lipoproteins. Binds specifically to cholesterol forming a fluorescent complex which may be used for staining. Disrupts the lipid raft/caveolae endocytosis pathway. Prevents pathological prion protein accumulation by reducing endocytosis and inducing cellular PrP release.

Application Procedures

First dissolved in Methanol (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in methanol may be stored at -20°C for up to 2 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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