

## Filipin Complex

### 产品信息:

**产品名称:** Filipin Complex

### 规格:

目录号	产品名称	规格
X13032	Filipin Complex	5mg

### 特性说明:

分子式	C <sub>35</sub> H <sub>58</sub> O <sub>11</sub> (for Filipin III)
CAS 号	11078-21-0
溶解度	Soluble in DMSO
运输条件	常温运输或根据产品储存温度要求用蓝冰运输。
分子量	654.8 g/mol
储存条件	Store at -20°C

### 使用说明:

Filipin complex is a neutral polyene originally isolated from *S. filipinensis* with antifungal activity. It inhibits cell growth as well as mitochondrial terminal electron transport in *S. cerevisiae* when used at a concentration of 135 ug/ml. Filipin complex binds to various sterols, particularly 24 $\alpha$ -methyl cholesterol 24 $\alpha$ -ethyl cholesterol, and cholesterol, in aqueous solutions and in fungal cell membranes when used at a concentration of 50 ug/ml, inducing membrane pit formation and leakage of cell contents. It is a fluorescent compound that has been used to label sterols within biological structures for imaging. Filipin complex displays excitation/emission maxima of 338/480 nm, respectively.

### 注意事项:

- 1、为了使其更好的溶解, 请用 37°C 加热试管并在超声波水浴中震动片刻。溶液形式可以在 -20°C 下储存几个月。
- 2、本产品仅供科研使用, 不可用于临床诊断应用或其他用途。