

November 14, 2005

## CERTIFICATE OF ANALYSIS

### *Nonactin*

From Streptomyces Griseus  
(A mixture of Nonactin, Monactin)

CAS [6833-84-7]

Lot # NO003

M.W. 736.93 (for Nonactin)

$C_{40}H_{64}O_{12}$

Appearance: Colorless Needle-like crystals

Solubility:

- Clear colorless solution at 10mg/ml Dichloromethane
- Clear colorless solution at 10mg/ml DMSO

Melting point: 145°C - 146°C

TLC (NP, Acetone): Nonactin 95%, Monactin 5%

TLC (NP, DCM: ETOAC 1: 2) Nonactin 95%, Monactin 5%

TLC (NP, Toluene: ETOAC: HOAC 6: 3: 1) Nonactin+Monactin: 100%

Yosef Behrend Ph.D