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CERTIFICATE OF ANALYSIS

Mithramycin

$C_{52}H_{76}O_{24}$

From Streptomyces argillaceus

Lot # MT001

Appearance: Yellow powder

Solubility: Clear yellowish solution at 100mg/ml DMSO

TLC (DCM: Methanol 85: 15) >98%

TLC (RP C18, Methanol: H2O 9: 1) >98%

HPLC (RP C18, CH3CN: H2O 0% \Rightarrow 100% in 20 min. 280nm) 97.7%
(Balance is other Mithramycins)

Melting point 178-180°C

Lambda max. 275nm

Yosef Behrend Ph.D