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CERTIFICATE OF ANALYSIS

Thiostrepton

$C_{72}H_{85}O_{18}N_{19}S_5$

From *Streptomyces laurentii*

CAS [1393-48-2]
M.W. 1664.89

Lot # TS001

Appearance: White/Faint yellow powder

Solubility: Clear colorless solution at 10mg/ml DMSO / $CHCl_3$

TLC (CH_2Cl_2 : Methanol 90:10) > 98%

TLC (RP.18, Methanol: H₂O 9: 1) >98%

HPLC (RP C18, Chromolith, methanol: H₂O + 0.1% TFA, 0% \Rightarrow 100%
in 16min. 240nm, flow rate: 1.5ml/min.): 97.18%

Lambda max (Ethanol): 250, 280nm

Melting point: 250°C

Yosef Behrend Ph.D