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CERTIFICATE OF ANALYSIS

Tunicamycin

Lot # TU010

Appearance: Off-white powder

Solubility: (10mg/ ml DMSO) Clear yellowish solution

Melting point: 235°C

TLC (BuOH: H₂O: HOAC 60: 25: 15): >98%

TLC (RP C18, MeOH: H₂O 8:2): >98%

HPLC (RP C18, MeOH: H₂O 80: 20, isocratic, 260nm):

A: 3.73%

B: 32.61%

C: 45.32%

D: 18.33%

E 1% (260nm): 107

Yosef Behrend Ph.D