



## CERTIFICATE OF ANALYSIS

**PRODUCT:** **10-Hydroxycamptothecin**  
C<sub>20</sub>H<sub>16</sub>N<sub>2</sub>O<sub>5</sub>, M.W. 364.4, CAS# [64439-81-2]

**PRODUCT NUMBER:** H-1132

**LOT NUMBER:** B1184

**APPEARANCE:** Pale yellow solid

**SOLUBILITY:** Soluble in DMSO

**PURITY (TLC):** 97%

**APPLICATION NOTES:** DNA topoisomerase I inhibitor. Induces differentiation in HL-60 cells at 1-10 nM. Induces apoptosis in human breast cancer cell lines MCF-7 and MDA-MB-468. The product is not sterile.

**STORAGE & HANDLING:** Keep cool and dry -20°C for up to one year. Store solutions at -20°C for up to 3 months.

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KT