

CERTIFICATE OF ANALYSIS

PRODUCT:	Alsterpaullone [9-Nitro-7,12-dihydroindolo-[3,2-d][1]benzazepin-6(5)-one]; C ₁₆ H ₁₁ N ₃ O ₃ , M.W. 293.3, CAS# [237430-03-4]
PRODUCT NUMBER:	A-1136
LOT NUMBER:	G1141A
APPEARANCE:	Brown crystalline powder
SOLUBILITY:	Soluble in DMSO (10mg/mL); insoluble in water or 100% ethanol.
PURITY (TLC):	> 96%
IDENTITY (NMR):	Conforms
PRODUCT DESCRIPTION:	A potent and selective inhibitor of GSK-3 β and CDK5/p25. Potent inhibitor of CDK1/cyclin B (IC ₅₀ = 35nM). Induces apoptosis. Inhibits angiogenesis.
STORAGE & HANDLING:	Store desiccated at +4°C. Store solutions at -20°C for up to 3 months. <u>WARNING:</u> IRRITANT! PROTECT FROM LIGHT! CAUTION: For research 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: SK