

Certificate of Analysis

PRODUCT:	Illudin S C₁₅H₂₀O₄, M.W. 264.3, CAS# [1149-99-1]
PRODUCT NUMBER:	I-2559
LOT NUMBER:	L1500
APPEARANCE:	Light yellow solid
SOLUBILITY:	Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility
SOURCE:	<i>Pleurotus lampas</i>
Purity(HPLC):	>98%
APPLICATION NOTES:	Illudin S is potent antitumor sesquiterpene, first isolated from the fungus, <i>Clitocybe illudens</i> , in 1963. Illudin S is metabolically activated to reactive intermediates that bind DNA. The DNA damage appears to differ from that of other reactive metabolites. Importantly, illudin S exhibits in vitro and in vivo potency against multi-drug resistant tumors.
STORAGE & HANDLING:	-20°C 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. PC

Verified: