

Certificate of Analysis

PRODUCT:	Wortmannin <i>Fermentation product from <i>Penicilium wortmannii</i></i> C₂₃H₂₄O₈, M.W. 428.4, CAS# [19545-26-7]
PRODUCT NUMBER:	W-1022
LOT NUMBER:	L1307
APPEARANCE:	Yellow powder
SOLUBILITY:	May be dissolved in DMSO (50mg/ml); or ethanol (25mg/ml)
PURITY (TLC):	>98%
NMR:	Conforms
DESCRIPTION:	Potent and selective inhibitor of PI3-kinase which acts via covalent modification of Lys-802. Inhibits autophagy in rat hepatocytes. Inhibits adipocyte differentiation of 3T3-L1 cells. A useful tool for probing PI3-K-mediated cellular events.
COUNTRY OF ORIGIN:	USA
STORAGE & HANDLING:	Store at -20°C. <u>WARNING</u>: HIGHLY TOXIC! PROTECT FROM LIGHT & MOISTURE! HYGROSCOPIC! 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: KLS