

CERTIFICATE OF ANALYSIS

PRODUCT:	Cycloheximide-N-ethylethanoate [Ethyl 2-(4-((R)-2-((1S,3S,5S)-3,5-dimethyl-2-oxocyclohexyl)-2-hydroxyethyl)-2,6-dioxopiperidin-1-yl)acetate]; C₁₉H₂₉NO₆, M.W. 367.4, CAS# [N/A]
PRODUCT NUMBER:	C-2597
LOT NUMBER:	G1143B
APPEARANCE:	White powder
SOLUBILITY:	May be dissolved in DMSO(15 mg/ml) or Ethanol (3 mg/ml)
ANALYSIS (NMR):	Conforms
PURITY (TLC):	> 99%
PHARMACOLOGY:	FKBP12 inhibitor (IC ₅₀ = 4.4 μM) with neuroregenerative properties. Does not inhibit protein synthesis (as does cycloheximide). Mimics a helical peptide in target proteins for binding to the immunophilin Mip homolog, BpML1 (Burkholderia pseudomallei Mip-like protein 1).
STORAGE & HANDLING:	Store desiccated at -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.

Verified: SK