

Certificate of Analysis

PRODUCT:	Locostatin (4S)-3-[(E)-But-2-enoyl]-4-benzyl-2-oxazolidinone; UIC-1005 C₁₄H₁₅O₃, M.W. 245.3, CAS# [133812-16-5]
PRODUCT NUMBER:	C-1559
LOT NUMBER:	L1377
APPEARANCE:	White powder
ANALYSIS (TLC):	> 98%
NMR:	Conforms
SOLUBILITY:	Soluble in DMSO (30mg/ml).
DESCRIPTION:	Inhibits cell migration by disrupting the interaction between Raf kinase inhibitor protein (RKIP) and Rad-1 kinase. Locostatin covalently binds to His86 of RKIP and also disrupts its interaction with G protein-coupled receptor kinase 2. Effectively inhibits cytokine release by lymphocytes. Alleviates CCl ₄ -induced liver fibrosis in a mouse model. A useful probe to explore the complex functions of RKIP in cell physiology.
STORAGE & HANDLING:	Store desiccated at -20° C. PROTECT FROM LIGHT AND MOISTURE!

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