

CERTIFICATE OF ANALYSIS

PRODUCT:	L-NIL (hydrochloride) [N ⁶ -(1-iminoethyl)-L-lysine, dihydrochloride] C ₈ H ₁₇ N ₃ O ₂ ·2HCl, M.W. 260.2, CAS# [159190-45-1]
PRODUCT NUMBER:	L-1001
LOT NUMBER:	E1411
APPEARANCE:	Crystalline Solid
SOLUBILITY:	Soluble in distilled water (~60 mg/ml). Solubility at this concentration is limited by the pH (≤1). Using a buffer to maintain the pH ≥3 will allow the preparation of solutions of at least 100 mg/ml.
PURITY:	≥ 95%
DESCRIPTION:	Relatively selective inhibitor of iNOS. It exhibits IC ₅₀ values of 0.4-3.3 μM and as opposed to 8-38 μM and 17-92 μM for eNOS and nNOS, respectively.
STORAGE & HANDLING:	Store desiccated at -20°C. Store solutions at room temperature. <i>HYGROSCOPIC!</i> CAUTION: For laboratory research & scientific manufacturing 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: ND