



CERTIFICATE of ANALYSIS

PRODUCT: **NU6102;** CDK/cyclin inhibitor
C₁₈H₂₂N₆O₃S, M.W. 402.5, CAS# [4444722-95-6]

PRODUCT NUMBER: N-1173

LOT NUMBER: B1364

APPEARANCE: White to off-white Powder

SOLUBILITY: Soluble in DMSO

PURITY (HPLC): 95%

PRODUCT DESCRIPTION: 1,000-fold more potent inhibitor of CDK1/cyclin B (IC₅₀ = 9.5nM) and CDK2/cyclin A3 (IC₅₀ = 5.4nM) than NU2058. Selective for CDK1 and CDK2 compared to CDK4/D1 (IC₅₀ = 1.6μM), DYRK1A (IC₅₀ = 0.9μM), PDK1 (IC₅₀ = 0.8μM) and ROCKII (IC₅₀ = 0.6μM).

STORAGE & HANDLING: Store at -20°C. Packaged under inert gas.
PROTECT FROM LIGHT!
WARNING: HARMFUL! MAY BE CARCINOGENIC!

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: DD