



CERTIFICATE of ANALYSIS

PRODUCT: **Ciglitazone;**
[PPAR ligand; U-63287], Synthetic
C₁₈H₂₃NO₃SI, M.W. 333.5, CAS# [74772-77-3]

PRODUCT NUMBER: C-1201

LOT NUMBER: B1908

APPEARANCE: Tan solid

PURITY : ≥98%

SOLUBILITY: Soluble in DMSO (>25mg/ml) or 100% ethanol (>25mg/ml).

DESCRIPTION: Ciglitazone is a thiazolidinedione type of antihyperglycemic agent. It displays antihyperglycemic activity in genetically obese C57 Bl/6 *ob/ob* mice and is a selective PPAR γ agonist (EC₅₀ = 3 μ M). Inhibits HUVEC differentiation and angiogenesis and also stimulates adipogenesis and decreases osteoblastogenesis in human mesenchymal stem cells.

STORAGE & HANDLING: Store at +20°C. Stock solutions are stable for up to 3 months at -20°C.

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