

CERTIFICATE OF ANALYSIS

PRODUCT:	Diphenyleneiodonium chloride [Dibenziodolium chloride] C ₁₂ H ₈ I•Cl, M.W. 314.6, CAS # [4673-26-1]
PRODUCT NUMBER:	D-1011
LOT NUMBER:	J1140
APPEARANCE:	White powder
SOLUBILITY:	May be dissolved in DMSO (5 mg/ml, warm).
PURITY (TLC):	98%
NMR :	Conforms
DESCRIPTION:	An irreversible inhibitor of iNOS and eNOS (IC ₅₀ s = 50 and 100 nM respectively ¹ . Binds to and inhibits the flavoprotein of neutrophil NADPH oxidase ² . Novel agonist for GPR3 ³ . Inhibits NFκB activation induced by IL-1β ⁴ . Prevents early alcohol-induced liver in rodent models.
STORAGE & HANDLING:	Keep cool and dry at -20 °C. PROTECT FROM LIGHT! <u>WARNING:</u> HARMFUL! 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**