
CERTIFICATE of ANALYSIS

PRODUCT: **PJ-34**
[N-(6-Oxo-5,6-dihydro-phenanthridin-2-yl)-N,N-dimethylacetamide . HCl]
C₁₇H₁₇N₃O₂ . HCl, M.W. 295.2 . 36.5; CAS# [344458-15-7]

PRODUCT NUMBER: P-1455

LOT NUMBER: D1191

APPEARANCE: Light Brown powder

IDENTITY: Identity determined by (¹H-NMR and MS)

PURITY: ≥99% (NMR)

SOLUBILITY: Soluble in water or DMSO

PRODUCT DESCRIPTION: Potent, water soluble poly(ADP-ribose) polymerase (PARP) inhibitor (EC₅₀ = 20nM compared to EC₅₀ = 200μM of the prototypical PARP inhibitor 3-aminobenzamide. Inhibits induced cell necrosis (EC₅₀ = 20nM). Has significant, dose-dependent, anti-inflammatory effects in a variety of local inflammation models and provides cardioprotection by decreasing myocardial infarct size.

STORAGE & HANDLING: Store desiccated at +4°C. **HYGROSCOPIC!**

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:

