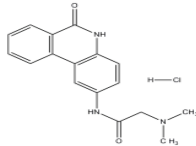


PRODUCT: PJ-34 hydrochloride**ALTERNATE NAME:** N-(6-Oxo-5,6-dihydro-phenanthridin-2-yl)-N,N-dimethylacetamide hydrochloride**CATALOG #:** 2319-1, 5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₇H₁₇N₃O₂·HCl**MOLECULAR WEIGHT:** 331.80**CAS NUMBER:** 344458-15-7**APPEARANCE:** Pale yellow solid**SOLUBILITY:** DMSO (~30 mg/ml) or H₂O (~ 30 mg/ml)**PURITY:** ≥98% by NMR**STORAGE:** At -20°C. Protect from air and moisture**DESCRIPTION:** A potent, water-soluble poly(ADP-ribose) polymerase (PARP) inhibitor (EC₅₀ = 20 nM). Inhibits peroxynitrite-induced cell necrosis and displays significant, dose-dependent anti-inflammatory effects in a variety of local inflammation models. Provides cardioprotection by decreasing myocardial infarct size. Suppresses cell growth in liver cancer cells.**REFERENCES:** Gambi, N., *et al.* (2008). *Biochem. Pharmacol.* **75**, 2356-2363; Abdelkarim, G.E., *et al.* (2001). *Int. J Mol. Med.* **3**, 255-260.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

ABT-88 (Cat. No. 1620-1,5)

DPQ (Cat. No. 1899-1, 5)

DR2313 (Cat. No. 1771-1, 5)

Iniparib (Cat. No. 1968-5, 25)

PARP Antibody (clone 10H) (Cat. No. 3000-100)

PARP Antibody (Cat. No. 3001-100)

PARP Antibody (Cat. No. 3002-100)

PARP Blocking peptide (Cat. No. 3002BP-50)

PARP Antibody (Clone 7A10)(Cat. No. 3023-100)

PARP (cleaved) Antibody (Cat. No. 3140-100)

PARP (cleaved) Antibody (Cat. No. 3141-100)

PARP (cleaved) Antibody (Cat. No. 3142-100)

PARP-1, human recombinant (Cat. No. 4992-50)

USAGE: FOR RESEARCH CH USE ONLY! Not to be used in humans