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: C_{17}H_{17}N_{3}O_{2}.HCl

MOLECULAR WEIGHT: 331.80

CAS NUMBER: 344458-15-7

APPEARANCE: Pale yellow solid

SOLUBILITY: DMSO (~30 mg/ml) or H$_2$O (~ 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 (EC$_{50}$ = 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.


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