

## PJ-34 hydrochloride

Cat. No. CEI-0553

Lot. No. (See product label)

### Introduction

**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.

### Product Information

**Appearance** White to off-white solid

**CAS No.** 344458-15-7

**Molecular Formula** C 17 H 17 N 3 O 2 .HCl

**Chemical Name** N-(6-Oxo-5,6-dihydro-phenanthridin-2-yl)-N,N-dimethylacetamide hydrochloride

**Molecular Weight** 490.5

**Purity** >98% by HPLC

**Targets** Leukocyte activation pathways

**Solubility** DMSO (~ 10 mg/ml)

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack