

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