

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	$C_{17}H_{17}N_3O_2 \cdot HCl$
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