

PAC-1

Cat. No. CEI-0986

Lot. No. (See product label)

Introduction

Description Procaspase-activating compound; activates procaspase-3 to produce caspase-3 (EC50 = 0.22 μ M). Also activates procaspase-7 in a less efficient manner (EC50 = 4.5 μ M). Pro-apoptotic; induces apoptosis in both cancerous and non-cancerous cells dependent on procaspase-3 concentration (IC50 values are 0.003 - 1.41 and 5.02 - 9.98 μ M respectively). PAC-1 had an IC50 value of 3 nM for induction of cell death, whereas in cells from adjacent normal tissue IC50 values of 3.2-8.5 μ M were observed

Product Information

Appearance A crystalline solid.

CAS No. 315183-21-2

Molecular Formula C23H28N4O2

Molecular Weight 392.5 Da

Purity >99%

Targets Protease

Solubility Soluble to 75 mM in 1eq. HCl and to 100 mM in DMSO

Storage and Shipping Information

Stability Store at or below -20°C . Solid form is stable at least 12 months from date of receipt, when stored as directed. Do not store aqueous solutions for more than one day.