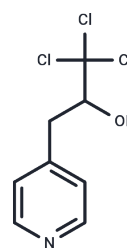


## PETCM

## Chemical Properties

CAS No. :	10129-56-3
Formula:	C <sub>8</sub> H <sub>8</sub> Cl <sub>3</sub> NO
Molecular Weight:	240.51
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	PETCM is a caspase-3 activator and acts as an cytochrome c (cyto c)-dependent manner.
Targets(IC50)	Apoptosis,Others,Caspase
In vitro	PETCM (0.2 mM; 1 hour) can antagonize the inhibitory activity of ProT reduced caspase-3 activation in in HeLa cells[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1578 mL	20.7892 mL	41.5783 mL
5 mM	0.8316 mL	4.1578 mL	8.3157 mL
10 mM	0.4158 mL	2.0789 mL	4.1578 mL
50 mM	0.0832 mL	0.4158 mL	0.8316 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Nguyen JT, et al. Direct activation of the apoptosis machinery as a mechanism to target cancer cells. Proc Natl Acad Sci U S A. 2003 Jun 24;100(13):7533-8.

Jiang X, Kim HE, Shu H, et al. Distinctive roles of PHAP proteins and prothymosin-alpha in a death regulatory pathway. Science, 2003, 299(5604): 223-226.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481