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# DATASHEET

PETCM

## Product overview

<b>Name</b>	PETCM
<b>Cat No</b>	HB1292
<b>Biological action</b>	Activator
<b>Purity</b>	>99%
<b>Description</b>	Caspase-3 activator

## Biological Data

<b>Biological description</b>	Caspase-3 activator. Inhibits ProT and stimulates apoptosome formation. Promotes Apaf-1 oligomerization. Shows apoptotic actions.
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## Solubility & Handling

<b>Storage instructions</b>	Room temperature
<b>Solubility overview</b>	Soluble in HCl (50mM, 1eq. HCl)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

## Chemical Data

<b>Chemical name</b>	$\alpha$ -(Trichloromethyl)-4-pyridineethanol
<b>Molecular Weight</b>	240.52
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>8</sub> Cl <sub>3</sub> NO
<b>CAS Number</b>	10129-56-3
<b>PubChem identifier</b>	224859
<b>SMILES</b>	OC(CC1=CC=NC=C1)C(Cl)(Cl)Cl
<b>InChiKey</b>	NGTDJJKTGRNNAU-UHFFFAOYSA-N

## References

### Distinctive roles of PHAP proteins and prothymosin-alpha in a death regulatory pathway.

Jiang X *et al* (2003) Science 299(5604)

**PubMedID** [12522243](#)

### Direct activation of the apoptosis machinery as a mechanism to target cancer cells.

Nguyen JT *et al* (2003) Proc Natl Acad Sci U S A 100(13)

**PubMedID** [12808146](#)

