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DATASHEET

PETCM

Product overview

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

Biological Data

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

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

Chemical Data

Chemical name	α -(Trichloromethyl)-4-pyridineethanol
Molecular Weight	240.52
Chemical structure	
Molecular Formula	C ₈ H ₈ Cl ₃ NO
CAS Number	10129-56-3
PubChem identifier	224859
SMILES	OC(CC1=CC=NC=C1)C(Cl)(Cl)Cl
InChiKey	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](#)
