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DATASHEET

Z-DEVD-FMK

Product overview

Name	Z-DEVD-FMK
Cat No	HB1282
Biological action	Inhibitor
Purity	>95%
Description	Irreversible, selective caspase 3 inhibitor

Biological Data

Biological description	Irreversible and selective caspase 3 inhibitor (IC_{50} = 0.13 µM). Cell permeable. Exhibits no activity at cathespin B and cathespin L. Displays neuroprotective properties and inhibits apoptosis.

Solubility & Handling

Storage instructions	-20°C
Solubility overview	Soluble in DMSO (13.37mg/ml)
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	Benzyloxycarbonyl-Asp(OMe)-Glu(OMe)-Val-Asp(OMe)-fluoromethylketone
Molecular Weight	668.67
Chemical structure	
Molecular Formula	$C_{30}H_{41}FN_4O_{12}$
CAS Number	210344-95-9
PubChem identifier	16760394
SMILES	[H]N([C@@H](CC(=O)OC)C(=O)N[C@@H](CCC(=O)OC)C(=O)N[C@@H](C(C)C)C(=O)N[C@@H](CC(=O)OC)C(=O)CF)C(=O)OCC1=CC=CC=C1
InChiKey	GBJVAVGBSGRRKN-JYEBCORGSA-N

References

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