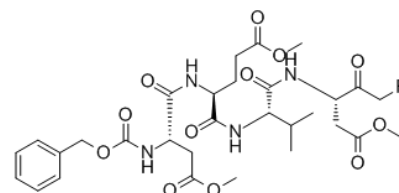


Product Name : Z-DEVD-FMK
Cat. No. : PC-43046
CAS No. : 210344-95-9
Molecular Formula : C₃₀H₄₁FN₄O₁₂
Molecular Weight : 668.6646
Target : Caspase
Solubility : DMSO: ≥ 33.33 mg/mL



Biological Activity

Z-DEVD-FMK is a specific caspase-3 inhibitor with IC₅₀ of 18 uM; affects the survival and function of platelets in platelet concentrate during storage, blocks the geranylgeraniol-induced DNA fragmentation in human leukemia cells; abolishes the apoptosis, CPP32/Mch3alpha processing and the increase in CPP32-like protease activity induced by TGF-beta1 in rat hepatocytes.

References

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Lee YS, et al. Mol Cells. 1998 Jun 30;8(3):272-9.
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Springer JE, et al. Nat Med. 1999 Aug;5(8):943-6.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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