Z-VAD(OMe)-FMK

Caspase inhibitor

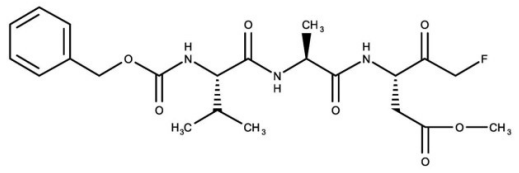
Irreversible and cell permeable broad-spectrum caspase inhibitor. Inhibits Fas-mediated apoptosis in Jurkat T cells and apoptosis in THP.1 cells induced by diverse stimuli (including cycloheximide, thapsigargin, etoposide and staurosporine). For cell free assays use Prod. No. ALX-260-020.

Citations: 24 View Online »

Ordering Information Order Online »

BML-P416-0001	1mg
BML-P416-0005	5mg

Manuals, SDS & CofA View Online »


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for up to 1 year after receipt when stored at -20°C. Stock solutions should be divided into aliquots and stored at -20°C for up to 1 month.
Handling	Keep cool and dry.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Caspase family inhibitor (fluoromethylketone)
Appearance	White to off-white solid.
Application Notes	Irreversible, cell permeable, broad spectrum caspase inhibitor. Limited Fas-induced mouse liver damage and apoptosis to <1%, at a dose of 50µmol/kg. At 50µM, abrogated 7-hydroxystaurosporine and etoposide-induced apoptosis in HL60 cells.
CAS	187389-52-2
Formula	$C_{22}H_{30}N_3O_7F$
MW	467.5
Purity	≥95%
Sequence	Z-Val-Ala-Asp(OMe)-fluoromethylketone
Solubility	Soluble in DMSO (>10mg/ml), dimethyl formamide (7mg/ml) or 100% ethanol (1.3mg/ml).

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