

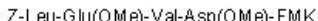
Product datasheet

Z-LE(OMe)VD(OMe)-FMK, derivative of Z-LEVD-FMK

ab120489

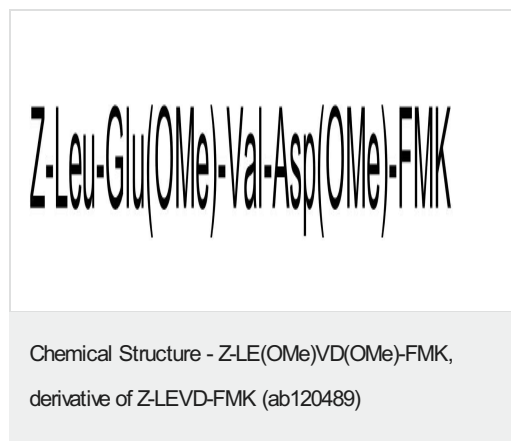
[1 References](#) [1 Image](#)

Overview

Product name	Z-LE(OMe)VD(OMe)-FMK, derivative of Z-LEVD-FMK
Description	Cell-permeable derivative of caspase-4 inhibitor Z-LEVD-FMK
Biological description	Methylated, cell-permeable derivative of the caspase-4 inhibitor Z-Leu-Glu-Val-Asp-FMK (Z-LEVD-FMK). Once in the cell, endogenous esterase activity hydrolyzes the methyl groups to form the biologically active form. Therefore, when using with isolated, purified or recombinant caspase enzymes, pre-treatment with an esterase is required.
Chemical structure	

Properties

Molecular weight	652.72
Molecular formula	C ₃₁ H ₄₅ N ₄ O ₁₀
Sequence	LEVD (Modifications: N-terminal benzyloxycarbonyl; C-terminal FMK; Glu-2 = Glu(OMe); Asp-4 = Asp(OMe))
PubChem identifier	25108689
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 20 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one week. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>FCC(=O)[C@H](CC(=O)OC)NC(=O)[C@@H](NC(=O)[C@H](CCC(=O)OC)NC(=O)[C@H](CC(C)C)NC(=O)OCc1ccccc1)C(C)C</chem>
Source	Synthetic



2D chemical structure image of ab120489, Z-LE(OMe)VD(OMe)-FMK, derivative of Z-LEVD-FMK

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