

Z-LEHD-FMK, caspase-9 inhibitor ab142026

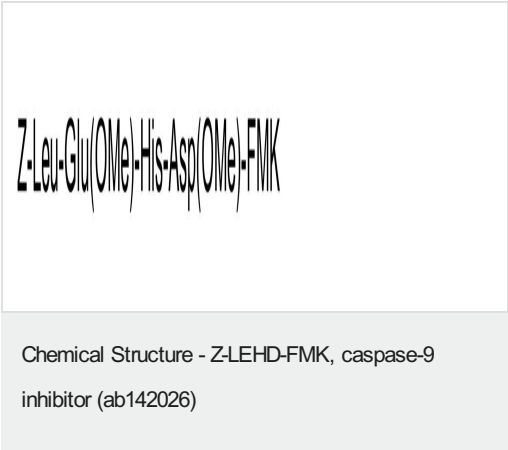
5 References [画像数 3](#)

製品の概要

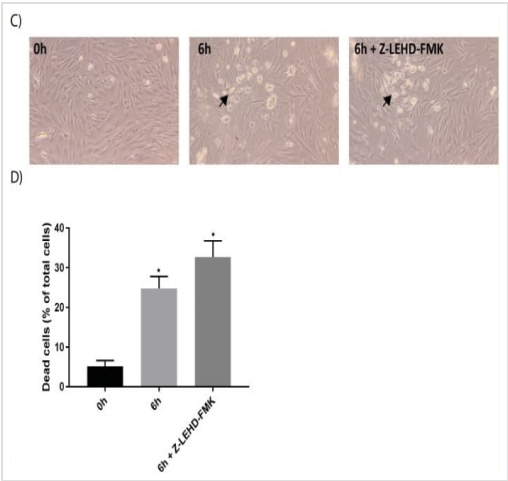
製品名	Z-LEHD-FMK, caspase-9 inhibitor
製品の詳細	Irreversible caspase-9 inhibitor
精製度	> 98%
特記事項	This product is manufactured by BioVision, an Abcam company and was previously called 1074 Caspase-9 Inhibitor Z-LEHD-FMK. 1074-20C is the same size as the 20 µl size of ab142026.
CAS 番号	210345-04-3
構造式	<chem>Z-Leu-Glu(OMe)-His-Asp(OMe)-FMK</chem>

製品の特性

分子量	690.70
分子式	C ₃₂ H ₄₃ N ₆ O ₁₀
配列	LEHD (Modifications: N-terminal benzyloxycarbonyl; C-terminal FMK; Glu-2 = Glu(OMe); Asp-4 = Asp(OMe))
PubChem 登録番号	44135217
保存方法	Shipped at 4°C. Store at -20°C. Store under desiccating conditions.
溶解性	Supplied in DMSO (10 mM)
使用に関する注意	<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>See SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES 線形表記	<chem>CC(C)CC(C(=O)NC(CCC(=O)OC)C(=O)NC(CC1=CN=CN1)C(=O)NC(CC(=O)OC)C(=O)CF)NC(=O)OCC2=CC=CC=C2</chem>
由来	Synthetic



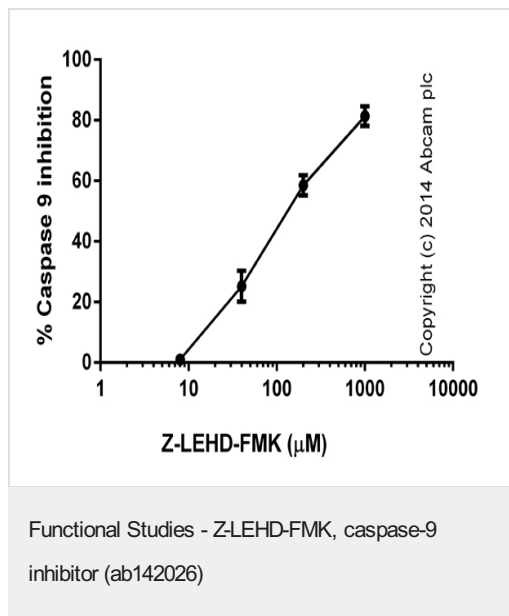
2D chemical structure image of ab142026, Z-LEHD-FMK, caspase-9 inhibitor



Differentiated muscle cells were pre-incubated with 20 μ M Z-LEHD-FMK (irreversible caspas-9 inhibitor) for 30 min before exposure to anoxic conditions. C) Light microscopy pictures demonstrates morphological changes during anoxia treatment. Arrows indicate rounded up, dead cells. D) Live/dead analysis demonstrate increased number of dead cells during 6 h anoxia, but this is unaffected by the irreversible caspase-9 inhibitor.

Cellular activation - Z-LEHD-FMK, caspase-9 inhibitor (ab142026)

Image from Beate Ronning S, et al. Plos One, 12(8), e0182928. Fig 6C and D.; doi: 10.1371/journal.pone.0182928



Functional assays: Caspase 9 Inhibitor Drug Detection Kit ([ab102497](#))

Titration of the caspase 9 inhibitor Z-LEHD-FMK (ab142026)
(duplicates; +/- SD).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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