

Q-DEVD-OPh, caspase-3 inhibitor ab142037

1 References **3 图像**

概述

产品名称	Q-DEVD-OPh, caspase-3抑制剂
描述	Potent, irreversible, cell-permeable caspase-3抑制剂
生物学描述	Potent, irreversible, cell-permeable caspase-3 inhibitor
纯度	> 90%
常规说明	This product is manufactured by BioVision, an Abcam company and was previously called 1175 Caspase-3 Inhibitor Q-DEVD-OPh. 1175-5 is the same size as the 5 mg size of ab142037.
化学结构	<div> <chem>CC(=O)C(C(=O)NCC(=O)OC)C(=O)COC1=C(C=CC=C1F)F)NC(=O)C(CCC(=O)OC)NC(=O)C(CCC(=O)OC)NC(=O)C2=NC3=CC=CC=C3C=C2</chem> </div>

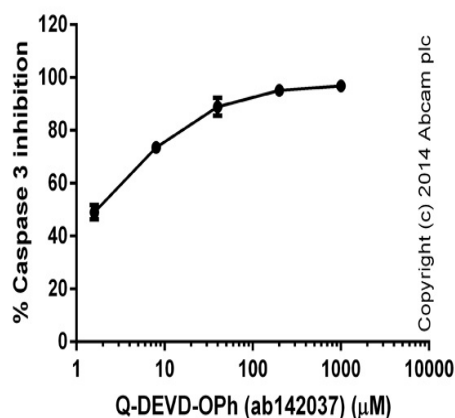
性能

分子量	799.77
分子式	C ₃₈ H ₄₃ F ₂ N ₅ O ₁₂
序列	DEVD (Modifications: N-terminal quinolyl; C-terminal OPh; Asp-1 = Asp(OMe); Glu-2 = Glu(OMe); Asp-4 = Asp(OMe))
PubChem识别号	44135278
存放说明	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO
处理	<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	CC(C)C(C(=O)NC(CC(=O)OC)C(=O)COC1=C(C=CC=C1F)F)NC(=O)C(CCC(=O)OC)NC(=O)C(CCC(=O)OC)NC(=O)C2=NC3=CC=CC=C3C=C2
来源	Synthetic



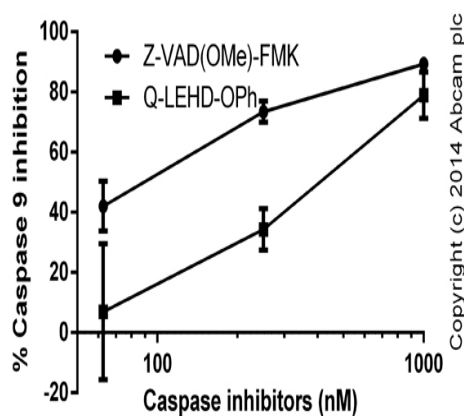
Chemical Structure - Q-DEVD-OPh, caspase-3 inhibitor (ab142037)

2D chemical structure image of ab142037, Q-DEVD-OPh, caspase-3 inhibitor



Titration of the Caspase 3 specific inhibitor Q-DEVD-OPh (ab142037) (duplicates; +/- SD).

Functional Studies - Q-DEVD-OPh, caspase-3 inhibitor (ab142037)



Functional assays: Caspase 9 Inhibitor Drug Detection Kit ([ab102497](#)) Titration of the caspase inhibitors Z-VAD(OMe)-FMK ([ab120487](#)) and Q-LEHD-OPh ([ab142039](#)) (duplicates; +/- SD).

Functional Studies - Q-DEVD-OPh, caspase-3 inhibitor (ab142037)

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