

Product datasheet

Z-WEHD-FMK, caspase-1, caspase-5 and cathepsin B inhibitor ab142027

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

Overview

Product name	Z-WEHD-FMK, caspase-1, caspase-5 and cathepsin B inhibitor
Description	Cell permeable inhibitor of caspase-1, caspase-5 and cathepsin B.
Biological description	Cell permeable inhibitor of caspase-1, caspase-5 and cathepsin B (IC ₅₀ = 6 µM). Inhibits apoptosis in multiple biological systems.
Purity	> 99%
General notes	This product is manufactured by BioVision, an Abcam company and was previously called 1100 Caspase-5 Inhibitor Z-WEHD-FMK. 1100-20C is the same size as the 20 µl size of ab142027.
Chemical structure	<chem>Z-Trp-Glu(OMe)-His-Asp(OMe)-FMK</chem>

Properties

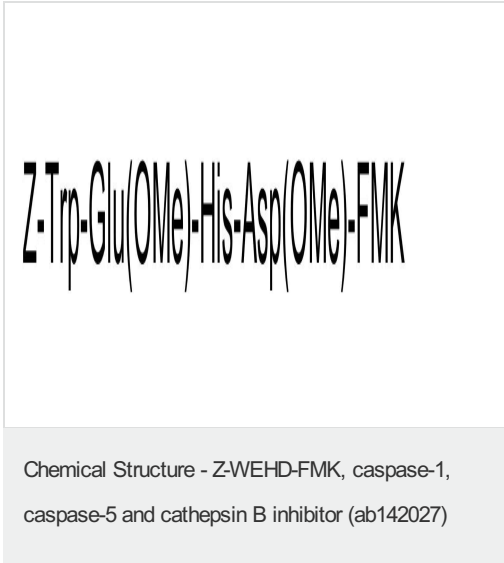
Molecular weight	763.78
Molecular formula	C ₃₇ H ₄₂ N ₇ O ₁₀
Sequence	WEHD (Modifications: N-terminal benzyloxycarbonyl; C-terminal FMK; Glu-2 = Glu(OMe); Asp-4 = Asp(OMe))
PubChem identifier	44134610
Storage instructions	Store at -20°C (desiccating conditions).
Solubility overview	Supplied in DMSO (10 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>Refer to 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	<chem>COC(=O)CCC(C(=O)NC(CC1=CN=CN1)C(=O)NC(CC(=O)OC)C(=O)CF)NC(=O)C(CC2=CN</chem>

3=CC=CC=C32)NC(=O)OCC4=CC=CC=C4

Source

Synthetic

Images



2D chemical structure image of ab142027, Z-WEHD-FMK, caspase-1, caspase-5 and cathepsin B inhibitor

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

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