


Product datasheet

Biotin-VAD-FMK, pan-caspase inhibitor ab142032

1 Image

Overview

Product name	Biotin-VAD-FMK, pan-caspase inhibitor
Description	Pan-caspase inhibitor
Biological description	Irreversible, pancaspase inhibitor. Inhibits TNF α -mediated apoptosis <i>in vitro</i> (IC ₅₀ = 0.7 μ M). Immunosuppressive, inhibits T cell proliferation. Active <i>in vivo</i> and <i>in vitro</i> . Cell-permeable.
Purity	> 95%
Chemical structure	

Properties

Molecular weight	672.81
Molecular formula	C ₃₀ H ₄₉ FN ₆ O ₈ S
Sequence	VAD (Modifications: N-terminal biotiny; C-terminal FMK; Asp-3 = Asp(OMe))
PubChem identifier	44135213
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>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>CC(C)C(C(=O)NC(C)C(=O)NC(CC(=O)OC)C(=O)CF)NC(=O)CCCCNC(=O)CCCCC1C2C(CS1)NC(=O)N2</chem>
Source	Synthetic

Images



Chemical Structure - Biotin-VAD-FMK, pan-caspase inhibitor (ab142032)

2D chemical structure image of ab142032, Biotin-VAD-FMK, pan-caspase inhibitor

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