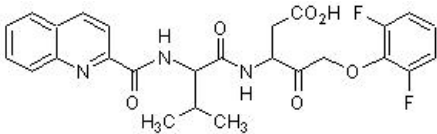


Product datasheet

QVD-OPh, caspase inhibitor ab141421

★★★★★ [1 Abreviews](#) [7 References](#) [1 Image](#)

Overview

Product name	QVD-OPh, caspase inhibitor
Description	Potent, cell-permeable, irreversible broad-spectrum caspase inhibitor
Biological description	Potent, cell-permeable, irreversible broad-spectrum caspase inhibitor (IC ₅₀ values are 25, 50, 100 and 430 nM for caspase-3, 1, 8 and 9 respectively). Inhibits apoptosis. Shows anti-ischemic and neuroprotective effects <i>in vivo</i> . Blood-brain barrier permeable.
Purity	> 95%
General notes	This product is manufactured by BioVision, an Abcam company and was previously called 1170 Q-VD-OPh. 1170-5 is the same size as the 5 mg size of ab141421.
CAS Number	1135695-98-5
Chemical structure	

Properties

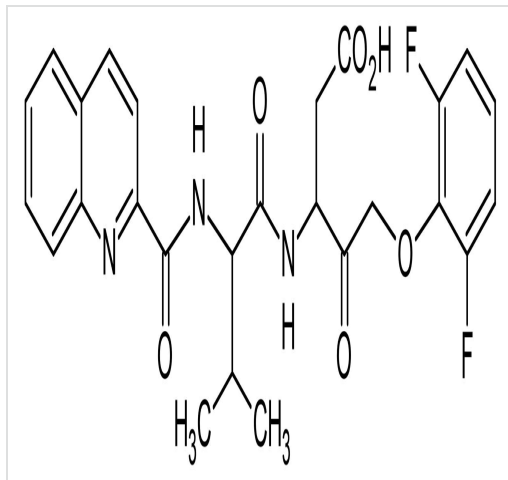
Molecular weight	513.49
Molecular formula	C ₂₆ H ₂₅ F ₂ N ₃ O ₆
Sequence	VD (Modifications: N-terminal quinoly; C-terminal OPh)
PubChem identifier	11237609
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 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

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Source

Synthetic

Images

2D chemical structure image of ab141421, QVD-OPh, caspase inhibitor

Chemical Structure - QVD-OPh, caspase inhibitor
(ab141421)

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

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