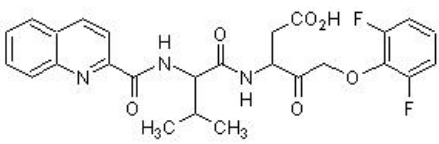


Product datasheet

QVD-OPh, caspase inhibitor ab141421

★★★★★ 1 Abreviews 6 References 1 Image

Overview

<b>Product name</b>	QVD-OPh, caspase inhibitor
<b>Description</b>	Potent, cell-permeable, irreversible broad-spectrum caspase inhibitor
<b>Biological description</b>	Potent, cell-permeable, irreversible broad-spectrum caspase inhibitor (IC <sub>50</sub> 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.
<b>Purity</b>	> 95%
<b>CAS Number</b>	1135695-98-5
<b>Chemical structure</b>	

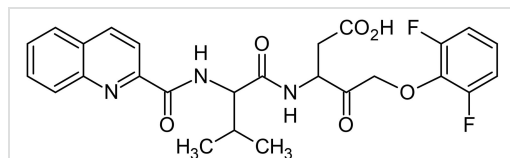
Properties

<b>Molecular weight</b>	513.49
<b>Molecular formula</b>	C <sub>26</sub> H <sub>25</sub> F <sub>2</sub> N <sub>3</sub> O <sub>6</sub>
<b>Sequence</b>	VD (Modifications: N-terminal quinolyly; C-terminal OPh)
<b>PubChem identifier</b>	11237609
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 100 mM
<b>Handling</b>	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.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	O=C(NC(C(COC1=C(F)C=CC=C1F)=O)CC(O)=O)C(C(C)C)NC(C2=NC3=CC=CC=C3C=C2)=O

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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