

Product datasheet

QVD-OPh (DMSO solution), caspase inhibitor ab146605

1 Image

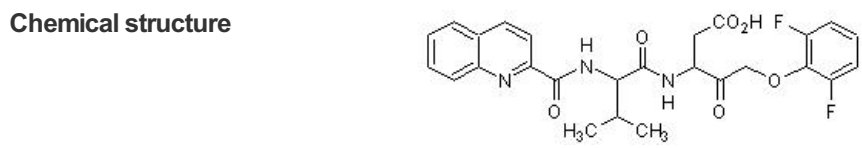
Overview

| | |
|-------------------------------|--|
| Product name | QVD-OPh (DMSO solution), 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. |

Also available as a solid ([ab141421](#)).

Purity > 95%

CAS Number 1135695-98-5

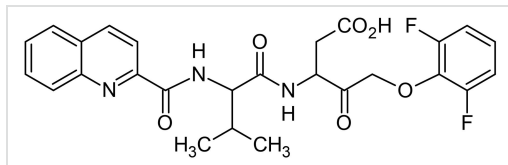


Properties

| | |
|-----------------------------|--|
| 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 In the Dark. Store under desiccating conditions. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes. |
| Solubility overview | Supplied in DMSO (10 mM) |
| Handling | 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 month. 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 frequently asked questions (FAQ) page for more details. |

| | |
|---------------|--|
| SMILES | <chem>CC(C)C(C(=O)NC(CC(=O)O)C(=O)COC1=C(C=CC=C1F)F)NC(=O)C2=NC3=CC=CC=C3C=C2</chem> |
| Source | Synthetic |

Images



2D chemical structure image of ab146605, QVD-OPh (DMSO solution), caspase inhibitor

Chemical Structure - QVD-OPh (DMSO solution),
caspase inhibitor (ab146605)

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

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