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**NEW!**



## ***InVivoGo! QVD*** **Pan Caspase Inhibitor**

Product Number	Amount/Size	Price
#A0004	500ul	\$540
#A0004	1000ul	\$1,080
#A0004	1500ul	\$1,620

### **Description**

*From the Discoverer's of Q-VD-OPh<sup>1</sup> and Q-VE-OPh<sup>2</sup>: Q-VD-OPh [Q-Val-Asp-OPh] is a next generation pan-caspase inhibitor.<sup>1,2</sup> *In Vivo Go! QVD* is highly cell permeable, crosses the blood-brain barrier, and irreversibly inhibits caspase activity to prevent apoptosis. Q-VD-OPh is nontoxic and significantly more active than existing fluoromethylketone (-fmk) conjugates, which have been shown to be toxic.<sup>3</sup>*

**Applications:** *InVivoGo! QVD* is specifically formulated for *in vivo* studies<sup>1-5</sup>. Q-VD-OPh is provided at a concentration of 10mg/ml to use 50ul/25g animal for a final dosage of 20mg/kg.

**Stability and Storage Conditions:** Each lot is individually certified for Quality Control.  
Stable for 1 year. Store at 4°C

### **References**

1. Caserta TM, 2003. Apoptosis 8:345-352
2. Van Noorden CJ, 2001. Acta Histochem. 103:241-51
3. Renolleau S, 2007. J. Neurochem. 100:1062-71
4. Psotka MA, 2009. Infect. Immun. 77:959-969
5. Southerland B, 2010. J. Cell Death 3:33-40

### **Companion Products**

Q-VE-OPh Apoptosis Negative Control (#A0007)  
Caspase 9 Apoptosis Extracts (#E0009)  
Caspase 3 Apoptosis Extracts (#E0003)  
Caspase 8 Apoptosis Extracts (#E0008)  
PARP Apoptosis Extracts (#S0001)  
XIAP Apoptosis Extracts (#S0002)  
BID Apoptosis Extracts (#S0003)  
CHAPS Cell Extract Buffer (#B0001)  
Caspase-Cleaved Anti-Beclin 1 antibody (Ab#00011)

***For research purposes only. Not for use in humans.***