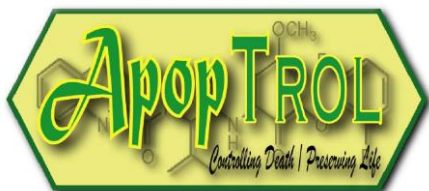


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## Q-VD-OPh (no methyl) Pan Caspase Inhibitor

Product Number	Amount/Size	Price
#A0004-01	1mg	\$120.00
#A0004-03 <b>NEW!</b>	3mg	\$345.00
#A0004-05	5mg	\$540.00

Please Contact us for Special Pricing on Bulk Orders

**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> Q-VD-OPh 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> **Q-VD-OPh is ideal for *in vitro*, cell culture, and particularly for *in vivo* studies<sup>1-5</sup>.**

### Let Apoptrol, LLC lower your apoptosis research costs!

*Our proprietary new synthesis drastically cuts your expense while providing you with the high quality and reliability you count on.*

Each lot of Q-VD-OPh is rigorously analyzed for ultrapurity and tested for peak performance.

Cost Comparison	Apoptrol, LLC	\$120	1mg	Q-VD-OPh
	Company R	\$135	1mg	Q-VD-OPh
	Company S	\$165	1mg	Q-VD-OPh
	Company E	\$169	1mg	Q-VD-OPh
	Company M	\$180	1mg	Q-VD-OPh
	Company B	\$195	1mg	Q-VD-OPh
	Company I	\$220	1mg	Q-VD-OPh

#### References

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

#### 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-Becclin-1 antibody (#Ab00011)

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