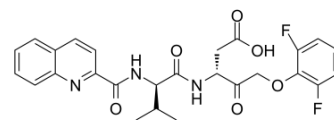


(R)-Q-VD-OPh

Cat. No.:	HY-12305A
Molecular Formula:	C ₂₆ H ₂₅ F ₂ N ₃ O ₆
Molecular Weight:	513.49
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



Solvent & Solubility

In Vitro	DMSO : 125 mg/mL (243.43 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	1.9475 mL	9.7373 mL	19.4746 mL
		5 mM	0.3895 mL	1.9475 mL	3.8949 mL
	10 mM	0.1947 mL	0.9737 mL	1.9475 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (4.05 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (4.05 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (4.05 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	(R)-Q-VD-OPh ((R)-QVD-OPH) is the less active enantiomer of Q-VD-OPha. Q-VD-OPha is an irreversible pan-caspase inhibitor with potent antiapoptotic properties.
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Caution: Product has not been fully validated for medical applications. For research use only.

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