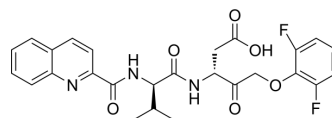


(R)-Q-VD-OPh

Cat. No.: HY-12305A
Molecular Formula: C₂₆H₂₅F₂N₃O₆
Molecular Weight: 513.49
Target: Apoptosis
Pathway: Apoptosis
Storage: Please store the product under the recommended conditions in the Certificate of Analysis.



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	<ol style="list-style-type: none"> 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 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 Add each solvent one by one: 10% DMSO >> 90% corn oil 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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