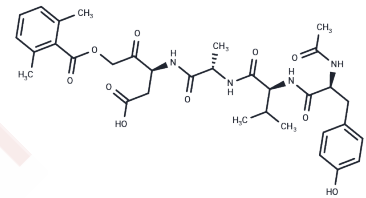


Ac-YVAD-AOM

Chemical Properties

CAS No. :	154674-81-4
Formula:	C33H42N4O10
Molecular Weight:	654.71
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Ac-YVAD-AOM is a selective and potent caspase-1 inhibitor showing antitumor activity and potential analgesic activity.
Targets(IC50)	Caspase

Solubility Information

Solubility	DMSO: 50 mg/mL (76.37 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5274 mL	7.637 mL	15.2739 mL
5 mM	0.3055 mL	1.5274 mL	3.0548 mL
10 mM	0.1527 mL	0.7637 mL	1.5274 mL
50 mM	0.0305 mL	0.1527 mL	0.3055 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

S Schlosser, et al. Inhibition of caspase-1 induces cell death in pancreatic carcinoma cells and potentially modulates expression levels of bcl-2 family proteins. FEBS Lett. 2001 Feb 23;491(1-2):104-8

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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