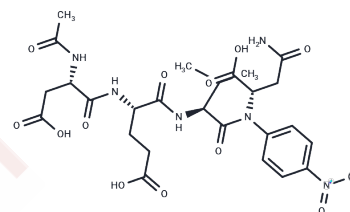


Ac-DEVD-pNA

Chemical Properties

CAS No. :	189950-66-1
Formula:	C ₂₆ H ₃₄ N ₆ O ₁₃
Molecular Weight:	638.58
Storage:	Keep away from moisture 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-DEVD-pNA is the preferred peptidic substrate for caspase-3.
Targets(IC50)	Others,Caspase

Solubility Information

Solubility	DMSO: 10 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (3.13 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.566 mL	7.8299 mL	15.6597 mL
5 mM	0.3132 mL	1.566 mL	3.1319 mL
10 mM	0.1566 mL	0.783 mL	1.566 mL
50 mM	0.0313 mL	0.1566 mL	0.3132 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

Talanian RV, et al. Substrate specificities of caspase family proteases. J Biol Chem. 1997 Apr 11;272(15):9677-82.

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