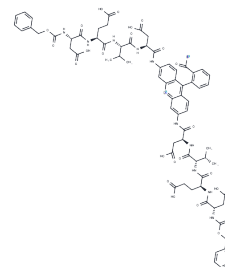


Z-DEVD-R110

## Chemical Properties

CAS No. : 223538-61-2  
 Formula: C72H78N10O27  
 Molecular Weight: 1515.44  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Z-DEVD-R110 ((Z-Asp-Glu-Val-Asp) 2 -Rhodamine 110), a rhodamine derivative featuring two four-amino acid (DEVD) peptides attached to the fluorophore [1], serves as a fluorogenic substrate for caspase-3/7. This compound is utilized for detecting apoptosis, leveraging its design to bind and indicate caspase activation.
Targets(IC50)	Apoptosis,Others,Caspase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6599 mL	3.2994 mL	6.5987 mL
5 mM	0.132 mL	0.6599 mL	1.3197 mL
10 mM	0.066 mL	0.3299 mL	0.6599 mL
50 mM	0.0132 mL	0.066 mL	0.132 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.

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