

## Z-Val-Val-Nle-diazomethylketone

## Chemical Properties

CAS No. : 155026-49-6

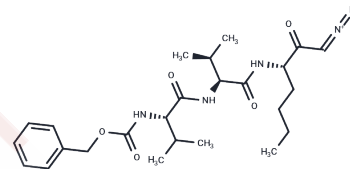
Formula: C<sub>25</sub>H<sub>37</sub>N<sub>5</sub>O<sub>5</sub>

Molecular Weight: 487.59

Keep away from moisture

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-Val-Val-Nle-diazomethylketone is an inhibitor of cathepsin S (CATS). It significantly suppresses the upregulation of IFNg-induced MHCII molecules, specifically HLA-DR and li-p33/35, while increasing the protein level of li-p10. This compound can be utilized for research into skin disorders such as psoriasis, atopic dermatitis, and actinic keratosis.
Targets(IC50)	Cysteine Protease,MHC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0509 mL	10.2545 mL	20.509 mL
5 mM	0.4102 mL	2.0509 mL	4.1018 mL
10 mM	0.2051 mL	1.0255 mL	2.0509 mL
50 mM	0.041 mL	0.2051 mL	0.4102 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481