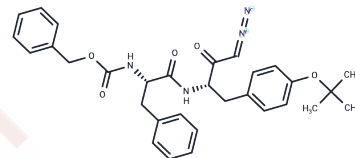


## Z-Phe-Tyr(tBu)-diazomethylketone

## Chemical Properties

CAS No. :	114014-15-2
Formula:	C <sub>31</sub> H <sub>34</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	542.636
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	Irreversible cathepsin L inhibitor which is ca 10'000 times more effective in inactivating cathepsin L than cathepsin S.
Targets(IC50)	Others,Cysteine Protease,SARS-CoV

## Solubility Information

Solubility	Ethyl Acetate: 10 mg/mL (18.43 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	1.8428 mL	9.2142 mL	18.4284 mL
5 mM	0.3686 mL	1.8428 mL	3.6857 mL
10 mM	0.1843 mL	0.9214 mL	1.8428 mL
50 mM	0.0369 mL	0.1843 mL	0.3686 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

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