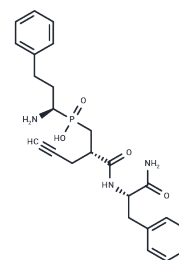


DG046

## Chemical Properties

CAS No. : 2007955-23-7  
 Formula: C<sub>24</sub>H<sub>30</sub>N<sub>3</sub>O<sub>4</sub>P  
 Molecular Weight: 455.49  
 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	DG046 is a novel potent phosphinic pseudopeptide ERAP1 inhibitor, binding in the ERAP1 active site, being stabilized by an unusual extensive network of $\pi$ -stacking interactions
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1954 mL	10.9772 mL	21.9544 mL
5 mM	0.4391 mL	2.1954 mL	4.3909 mL
10 mM	0.2195 mL	1.0977 mL	2.1954 mL
50 mM	0.0439 mL	0.2195 mL	0.4391 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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