

## Phe-Lys(Fmoc)-PAB

## Chemical Properties

CAS No. : 2149584-03-0

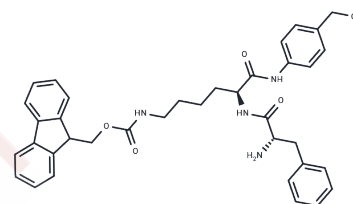
Formula: C37H40N4O5

Molecular Weight: 620.74

Store at low temperature

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   | Phe-Lys(Fmoc)-PAB is a cleavable ADC linker for synthesising antibody-drug conjugates (ADCs). |
| Targets(IC50) | ADC Linker  |

## Solubility Information

|                     |   |
|---------------------|---|
| Solubility          | DMSO: 80 mg/mL (128.88 mM), Sonication is recommended.<br>( $< 1$ mg/ml refers to the product slightly soluble or insoluble)  |
| In vivo Formulation | 10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL (5.32 mM), Sonication is recommended.<br><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  | 1.611 mL  | 8.0549 mL | 16.1098 mL |
| 5 mM  | 0.3222 mL | 1.611 mL  | 3.222 mL   |
| 10 mM | 0.1611 mL | 0.8055 mL | 1.611 mL   |
| 50 mM | 0.0322 mL | 0.1611 mL | 0.3222 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

Abu Ajaj K, et al. Development of protein-binding bifunctional linkers for a new generation of dual-acting prodrugs. Bioconjug Chem. 2009 Feb;20(2):390-6.

**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