

## Bz-Ala-Arg

## Chemical Properties

CAS No. : 71448-11-8

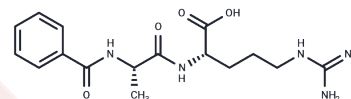
Formula: C<sub>16</sub>H<sub>23</sub>N<sub>5</sub>O<sub>4</sub>

Molecular Weight: 349.38

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	Bz-Ala-Arg, a dipeptide, serves as a spectrophotometric substrate (0.4 M pyridine formate, pH 4.25) for human pancreatic carboxypeptidase B and plasma carboxypeptidase N. It is utilized to screen for competitive inhibitors of these enzymes [1].
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8622 mL	14.3111 mL	28.6221 mL
5 mM	0.5724 mL	2.8622 mL	5.7244 mL
10 mM	0.2862 mL	1.4311 mL	2.8622 mL
50 mM	0.0572 mL	0.2862 mL	0.5724 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