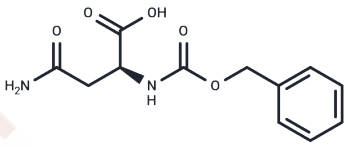
Data Sheet (Cat.No.T67534)

TargetMol

Z-Asn-OH

Chemical Properties



CAS No. : 2304-96-3

Formula: C12H14N2O5

Molecular Weight: 266.25

Storage: Keep away from moisture
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-Asn-OH (N-Cbz-L-asparagine) is a glycine derivative mainly used in peptide synthesis. By protecting the amino group of asparagine, Cbz-Asn-OH prevents unwanted reactions during its synthesis.
Targets(IC50)	Amino Acids and Derivatives

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7559 mL	18.7793 mL	37.5587 mL
5 mM	0.7512 mL	3.7559 mL	7.5117 mL
10 mM	0.3756 mL	1.8779 mL	3.7559 mL
50 mM	0.0751 mL	0.3756 mL	0.7512 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

Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1144.

Xing GW, et al. Influence of reaction conditions on syntheses of sweetener precursors catalyzed by thermolysin in tert-amyl alcohol. J Pept Res. 1998 Oct;52(4):300-4.

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