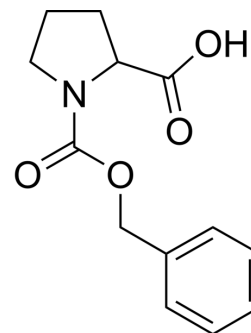


Z-DL-Pro-OH

Cat. No.:	HY-76317		
CAS No.:	5618-96-2		
Molecular Formula:	C ₁₃ H ₁₅ NO ₄		
Molecular Weight:	249.26		
Target:	Amino Acid Derivatives		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (401.19 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	4.0119 mL	20.0594 mL	40.1188 mL
	5 mM	0.8024 mL	4.0119 mL	8.0238 mL
	10 mM	0.4012 mL	2.0059 mL	4.0119 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (10.03 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (10.03 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (10.03 mM); Clear solution 			

BIOLOGICAL ACTIVITY

Description	Z-DL-Pro-OH (N-Cbz-DL-proline) is a proline derivative, can be used for the synthesis of agents or other compounds ^[1] .
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REFERENCES

[1]. Matthew BAGGOTT, et al. Advantageous tryptamine compositions for mental disorders or enhancement. WO2022061242A1

Caution: Product has not been fully validated for medical applications. For research use only.

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