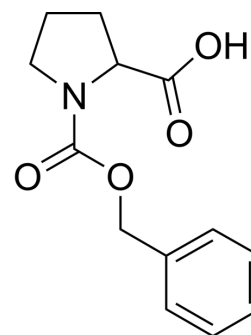


Z-DL-Pro-OH

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)

Concentration	Solvent	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

- 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].

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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