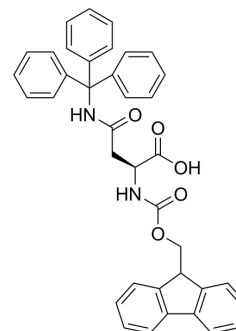


Fmoc-Asn(Trt)-OH

Cat. No.:	HY-W002327		
CAS No.:	132388-59-1		
Molecular Formula:	C ₃₈ H ₃₂ N ₂ O ₅		
Molecular Weight:	596.67		
Target:	Biochemical Assay Reagents		
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 (167.60 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.6760 mL	8.3798 mL	16.7597 mL
	5 mM	0.3352 mL	1.6760 mL	3.3519 mL
	10 mM	0.1676 mL	0.8380 mL	1.6760 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 (4.19 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (4.19 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Fmoc-Asn(Trt)-OH is a biochemical reagent that can be used as a biological material or organic compound for life science related research. Fmoc-Asn(Trt)-OH can be used for synthesis of Fmoc-based solid-phase peptide synthesis^[1].

REFERENCES

- [1]. Nishizawa A, et al. Galactinol and raffinose constitute a novel function to protect plants from oxidative damage. *Plant Physiol.* 2008 Jul;147(3):1251-63.

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

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